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PROCEEDINGS  
OF THE  
BOARD OF REGENTS  
OF THE  
UNIVERSITY OF MICHIGAN



FROM  
JANUARY, 1876, TO JANUARY, 1881.

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PUBLISHED BY THE UNIVERSITY.

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128

# MARCH MEETING.

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UNIVERSITY OF MICHIGAN, }  
March 28, 1876. }

The Board of Regents met in regular session in the room of the President at 10 o'clock A. M.

Present, the President, Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Climie, Cutcheon, and S. S. Walker.

The meeting was called to order and opened with devotional exercises by the President.

The minutes of the last meeting were approved as printed. On motion of Regent Rynd, Regents Estabrook, Cutcheon, and McGowan were appointed a committee to revise the Standing Committees of the Board of Regents, and report at their earliest convenience.

Regent McGowan moved that the Committee have permission to report during the afternoon session of the Board, which motion prevailed.

The following communication was received from the Dean of the Medical Faculty:

UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, March 27, 1876. }

*To the Hon. Board of Regents of the University of Michigan:*

The following named persons having complied with all the requirements of the Department of Medicine and Surgery, and after a careful examination having received the approval and recommendation of each member of the Faculty in the several branches of Medical Science, viz.: Anatomy, Physiology, Chemistry, Materia Medica and Therapeutics, Pathology and the Practice of Medicine, Surgery, Ophthalmology, and Obstetrics and Diseases of women and Children, (as required by the resolution of

the Board, passed May 11th, 1875), are hereby recommended for the degree of Doctor of Medicine.

A. B. PALMER, DEAN.

James Anderson,  
Charles Ephraim Begel,  
William Randall Birdsall,  
Henry Patrick Birmingham,  
Don Alvarado Bisbee,  
Albert Broek,  
George Alson Brundage,  
Josephus Martin Burgess,  
Alexander X. Campbell,  
John F. Campbell,  
John Oscar Campbell,  
Howard Maxwell Casebeer,  
Charles Sumner Chamberlin,  
H. Dewey Chamberlin,  
Clement L. Chandler,  
Richard Cosens,  
Charles G. Cruickshank,  
Clifford L. DeVinney,  
Amasa John Dickinson,  
Ulrich Duehr,  
Ira Mesick Garrison,  
John Georg,  
Willoughby Lyman Godfrey,  
Daniel Scott Hanson,  
Henry Bishop Hatch,  
John Walker Hauxhurst,  
Alonzo Ward Hill,  
Charles Carroll Hyde,  
Merrill James Hyde,  
Michael Hamilton Kerwin,  
Robert John Kingston,  
Henry Kremers,  
Frank Newton Latimer,  
John Lee,  
John Marvin Lewis,  
Robert Logan,  
Harmon Y. Longacre,  
Donald A. C. McDonald,  
Duncan McKellar,

Frank Carpenter Moulding,  
Byron J. Murray,  
George Cydro D. O'Neill,  
Emory Clark Palmer,  
Ezra Augustin Palmer,  
George Calder Palmer,  
Edward C. Prindle,  
Samuel David Radley,  
Cyrus S. Rice,  
Perry Schurtz,  
Reuben Schurtz,  
John Sanford Seeley,  
John Rings Shaffer,  
Henry Lane Snodgrass,  
Jerome D. Stocking,  
Joseph Hume Taylor,  
Will Gaylord Terry,  
James Albert Thompson,  
Richard C. Traver,  
John Jacob Travis,  
Henry V. Van Velsor,  
Daniel James Wallace,  
Albert Ernest Weed,  
Charles Franklin West,  
Levi O. Williams,  
Elisha W. Young,

Mina Annette Baker,  
Idris Helen Briggs,  
Phoebe Delinda Bullock,  
Eliza Maria Ellinwood,  
Mary Jane Forsythe,  
Mabel Beecher King,  
Caroline Nelsen,  
Martha Marcella Norris,  
Mary Jane Rising,  
Sarah Fowler Stockwell,  
Millie K. Upjohn.

Total -----77.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*, That the degree of Doctor of Medicine be conferred upon the persons named in the communication from the Dean, who have been duly recommended by the Medical Faculty.

The annual Report of the Faculty of the Department of

Medicine and Surgery, was presented by the Dean of the Medical Faculty, and is as follows:

*To the Honorable, the Board of Regents of the University of Michigan:*

The Faculty of Medicine and Surgery in presenting their Annual Report, beg leave to say: That the session which has just closed has been marked by new relations and complications, but has been attended by unabated efforts and labors on the part of the Professors, and by more than the usual success on the part of the students. Although the requirements for graduation have in no respect been diminished, but rather increased, yet a larger proportion of the candidates than for many years before have been recommended for the honors of this Department of the University; and it is confidently believed that no previous class has left the institution with so clear perceptions of the contrast between the broad common-sense principles of what the Faculty regard as Scientific Medicine and the teachings of peculiar and exclusive systems.

At the beginning of the term of instruction now closed, a more uniform and regular system of examinations for admission than heretofore practiced, was put in operation; by which our numbers were diminished by more than a dozen rejections, and doubtless to a much larger extent, by the fear of the examinations; but the quality of the class a whole has been materially improved, and the members of the Faculty have had the satisfaction of feeling that their instructions have been directed to persons all of whom were qualified to appreciate and profit by them.

The Faculty are gratified in being able to report that this *pioneer movement* in Preliminary Examinations in American Medical Colleges has been attended with consequences so favorable; and that there are indications of the example being followed by a few of the other Medical Schools of the country.

Though it has been the aim of the Faculty to advance cautiously, and to keep pace with the advancement of general education and the public needs, and so that none should be deprived of the advantages of the Institution who are properly qualified to enjoy them—refusing admission and advising to go back to elementary studies, or to other pursuits, none but those to whom such refusal and advice would be a kindness, yet a real advancement has been made, and it is the wish and intention of the Faculty to increase the requirements, both for admission and graduation, as fast as is consistent with justice to the citizens of the State who desire medical instruction, and as the general interests of all concerned will admit.

Not only has advancement been made in relation to preliminary examinations and the requirements for graduation, but, as will be seen by reference to the Announcement for the next session, distinct provision will be made for a longer and improved course of instruction continuing three years; and combining the advantages of a successive or graded course with those repetitions which are absolutely essential to a full comprehension of the various intricate branches of the profession;—and while this course is not *required*, (as such requirement would deprive many who cannot command the time and the means for so long a college life, of the privileges of the school,) yet it is strongly advised to all who can possibly avail themselves of it.

It is the earnest request of the Faculty that the subjects of *Materia Medica* and *Therapeutics*, and of *Physiology*, now embraced in one professor-



ship, be divided and rearranged;—uniting *Materia Medica* and Therapeutics to the present chair of Ophthalmology, and creating a new professorship of "Physiology, Pathological Anatomy and Histology," embracing Experimental and Practical Physiology and the use of the Microscope, and as soon as practicable appointing a suitable person to take charge of it.

This measure is recommended in view of the fact that the health of Prof. Cheever, at present occupying the chair of *Materia Medica* and Physiology, will not allow him longer to perform the arduous duties of the position. The Faculty very deeply regret that they are likely to lose the coöperation of an Alumnus of the University who has proved himself so competent and successful, and has so honored his Alma Mater as a pupil and a teacher. The present importance of Physiology and the subjects proposed to be associated with it calls for a distinct chair and the devotion of one man to its duties alone.

In consequence of the increased duties which, by the proposed arrangement, will devolve upon the Professor of Ophthalmology and Practical Anatomy by his assuming the duties of the department of *Materia Medica* and Therapeutics, and a necessary relinquishment of a large part of the labor in the Anatomical Department, great increase of labor and responsibility must devolve upon the Demonstrator of Anatomy, and in view of this the Faculty recommended an increase of his salary to \$1,000. The efficient performance of the duties of that office, (and nothing short of very efficient service will meet the necessities which exist), deserves at least the compensation named.

Should these changes be made, it is recommended that Prof. Frothingham's title be that of Professor of *Materia Medica* and Ophthalmology.

The new Pavilions of the Hospital are now completed, and the attention of the Board is respectfully called to the necessity of more completely organizing this important adjunct to the Department of Medicine and Surgery, providing for its support and putting it in successful operation. Without at present entering into details, it will be sufficient to say that much care and thought, combined with the results of observation and experience, will be necessary to secure the best form of organization for the greatest usefulness to the afflicted, and for the proper supply of materials for illustrating to students the different forms of diseases and injuries, and the best modes of detecting and treating them.

The Faculty would also call attention to the necessity for certain improvements in the condition of the Lecture-Rooms of the Medical College, in which large numbers of students spend at least four hours of each day.

The particular seats or spaces on the benches occupied by students are numbered, and each student is required to occupy the special one assigned him, as the uncovering of a number subjects the occupant to a mark of absence. So little space is allowed for each as to render these seats *uncomfortable*; and a small appropriation is requested for repairing and renumbering them, giving each more space.

But far more serious than this, affecting not only the comfort but the capacity to listen to and understand the lectures, and also affecting the health of students, is the mode of heating and ventilation of the rooms. It is unnecessary here to enter into details, but the complaints on the part of students are too constant and too earnest, and the justice of such com-

plaints is too obvious to allow the matter to be longer ignored or neglected. It is therefore earnestly requested that early attention be given to this subject, and that such alterations be made, which it is believed may be done at but little expense, as will correct the evils so bitterly complained of.

It is a strange inconsistency to have the science of health taught in rooms where the principles of that science are violated in a manner so glaring.

Respectfully submitted,

A. B. PALMER, Dean.

March 28, 1876.

The following communication was received and read by Regent Rynd :

UNIVERSITY OF MICHIGAN,  
ANN ARBOR, March 21, 1876. }

*To the Hon. Board of Regents of the University of Michigan :*

GENTLEMEN,—The following persons, viz. : L. Lloyd Davis, Jackson : D. C. Hawxhurst, Battle Creek ; Walter H. Jackson, Ann Arbor ; Justin Ellis Post, Ypsilanti ; and Robert H. Tremper, Ypsilanti ; having passed a satisfactory examination in the branches required by the Faculty and Board of Regents, are hereby recommended for the degree of Doctor of Dental Surgery, and I respectfully ask that the degree be conferred at the approaching Commencement.

Very respectfully,

JONATHAN TAFT, DEAN.

Regent Rynd also presented the following resolution, which was unanimously adopted :

*Resolved*, That the degree of Doctor of Dental Surgery be conferred upon the persons named in the above communication from the Dean of the Faculty of the College of Dental Surgery, as recommended.

The following paper was presented by Regent Rynd :

UNIVERSITY OF MICHIGAN,  
ANN ARBOR, March 27, 1876. }

*The Hon., the Board of Regents of the University of Michigan :*

SIRS,—Finding my health inadequate for the performance of my duties in an efficient manner, I hereby resign the chair of Therapeutics and Materia Medica and Physiology.

In so doing I wish to express my most earnest thanks for the kind consideration you have ever shown me during my connection with the institution, and to my honored colleagues for their generous sympathy and support in days of trial.

Trusting that the time is close at hand when the Department of Medicine and Surgery shall have its course lengthened and graded, I sever my connection with it with profound regret.

Most respectfully,

H. S. CHEEVER.

After having read the foregoing communication from Prof. H. S. Cheever, Regent Rynd submitted the following resolution, which was adopted unanimously :

*Resolved*, That the resignation of Prof. H. S. Cheever be accepted; that we deeply regret that failing health renders such resignation necessary; that the thanks of this Board be and are hereby tendered to Prof. H. S. Cheever for the valuable and faithful services which he has rendered to the University; and that we deeply sympathize with him in his affliction, trusting that he may be restored to health and usefulness.

A paper from Dr. H. S. Cheever was read by Regent Rynd, and on his motion was referred to the Committee on the Medical Department, and ordered to be placed on file.

The following resolution was submitted by Regent Grant, and referred to the Finance Committee :

*Resolved*, That the Treasurer of the University be and is hereby authorized and directed to deposit the moneys of the University in the First National Bank of Ann Arbor.

The following resolution submitted by Regent McGowan was adopted :

*Resolved*, That the thanks of this Board be presented to S. S. Garrigues, Ph. D., State Salt Inspector, of East Saginaw, for the gift of a collection of 3,000 species of German plants.

On recommendation of Regent Rynd, duplicate diplomas were granted (upon payment of the usual fee) to the following persons, who had presented satisfactory evidence that the originals had been lost or destroyed :

Clarence L. Baker.....	New York City.
Smith Baker .....	Whitesboro, N Y.
Geo. W. Bistline.....	Piper City, Ill.
John A. Davis.....	Rantoul, Ill.
Frank H. Murdock.....	Parker City, Pa.
Elijah P. Van Velsor.....	Nunica, Mich.

On recommendation of Regent Rynd, the Executive Committee were requested to submit some plan to the Board during the present session, which should effectually prevent the danger of granting duplicate diplomas to persons through misrepresentation and fraud.

On motion of Regent Grant, the Board went into executive session, at the close of which it adjourned to 2½ o'clock P. M.

UNIVERSITY OF MICHIGAN,  
Tuesday, March 29, 1875. }

The Board of Regents reassembled in the room of the President at 2½ o'clock P. M.

Present, a full Board.

The following communication from the Dean of the Law Faculty was submitted by Regent Grant:

*To the Board of Regents :*

The following students in the Law Department, having fulfilled the prescribed regulations, are hereby recommenced for the degree of Bachelor of Laws.

George Sidney Aldrich,  
Ernest L. Allen,  
Thomas Martin Allen,  
Lemuel True Atwood,  
Ezra Castle Barnum,  
Berzellus Laennec Barr,  
John Wesley Baxter,  
R. Allyn Bill,  
James Little Blaine,  
Egford Bly,  
Charles Blim,  
Joel Christopher Booth,  
William Thomas Bope,  
David Locke Boynton,  
Thomas Ira Briscoe,  
Cyrus Angell Bryant,  
George Henry Buckman,  
William Harvey Burchard,  
John L. Burleigh,  
Charles William Burnham,  
Frank Butterfield,  
Robert Stuart Campbell,  
Alfred George Carpenter,  
John H. Chase,  
Frank Wilfred Chase,  
Thomas Abbott Cheshire,  
Dallas M. Clapsaddle,  
Aaron Clark,  
Gilbert Marsh Cleveland,  
Lyman Bates Coc,  
Edward Fenton Colborn,  
Frank Harvey Colbath,

Charles Llewellyn Kennedy,  
Lewis Henry Kent,  
Moses Pierce Kinkaid,  
Johannes Kopelke,  
James R. Laing,  
Louis Hanes Landon,  
Harry Richard Lewis,  
Nicholas Thompson Lindsay,  
Joseph Julius Lloyd,  
Fred A. Maynard,  
Albert McCall,  
A. Marsh McConoughey,  
S. Patterson McDivitt,  
Michael McHugh,  
Frank Edward Mead,  
Eneshia Meers,  
Charles Mortimer Merrill,  
Charles Austin Merriman,  
James Gardner Miller,  
Samuel Moyer Miller,  
John Orlando Moffatt,  
John Alexander Moninger,  
B. Frank Montgomery,  
John Elliot Moore,  
Rufus Belmont Myers,  
Jason Earl Nichols,  
John Edwards Nolan,  
Russell Cowles Ostrander,  
Augustus Alfred Parkinson,  
Wilbur Russell Pearce,  
Livingston Babcock Peaslee,  
John Nicholas Perrin,

William Seymour Coman,  
 William H. H. Cooper,  
 Washington L. Cooper,  
 Judson Clement Cornwell,  
 Powel Crosley,  
 William Henry Daniels,  
 Michael Deveraux,  
 Joseph Leonard Dobbin,  
 Wilbur Fisk Drury,  
 James Franklin Duff,  
 Jacob Platt Dunn, Jr.,  
 Henry Franklin Dusing,  
 Martin Luther Easterday,  
 Addison Joseph Edgerton,  
 Charles Edward Emanuel,  
 Franklin Sheldon Foote,  
 Mary E. Foster,  
 William Albert Fraser,  
 Charles Louis Frederick,  
 William Wallace Fry,  
 Charles Augustus Golden,  
 Benjamin Gore,  
 James Sedgwick Gorman,  
 Amandus Newton Grant,  
 George Franklin Griffin,  
 Lorenzo Dow Haggerty,  
 Joseph Milton Hance,  
 James Louis Hannett,  
 Benjamin Franklin Harness,  
 George L. Harnsberger,  
 Ariel Charles Harris,  
 Samuel Joseph Hays,  
 Anderson S. Hershey,  
 Harry Rolland Hill,  
 Joseph Foreman Hobbs,  
 Charles Clark Hopkins,  
 Frank Marion Hubbard,  
 Fred Arthur Hunt,  
 Frank Wilsie Ingersoll,  
 Frank M. Ish,  
 Albert P. Jacobs,  
 Frank Sherman Jennings,  
 Walter Denny Jones,  
 William Edward Jones,  
 Milton Filmore Jordan,  
 Eugenien Merrill Joslin,  
 Charles Abbott Kebler,  
 Ronald Kelly,

Total ..... 150.

James Edwin Phillips,  
 John Albert Phillips,  
 George Watt Poland,  
 Edward Wayland Porter,  
 John Coatsworth Post,  
 Alfred Bixby Quinton,  
 John Rufus Ranney,  
 George Milton Reid,  
 Leonard C. Reynolds,  
 James Melville Ricketts,  
 John F. Rodabaugh,  
 William Henry Russell,  
 George Wallace Salmans,  
 John H. Schneider,  
 Robert Albert Scott,  
 Linus Homer Seaver,  
 Charles Clinton Selfridge,  
 Oscar M. Seward,  
 James Fraser Seybolt,  
 Eugene S. W. Siehirt,  
 Mazzini Slusser,  
 Dix Wilberforce Smith,  
 Peter Oman Sproul,  
 Marion Steele,  
 Gamaliel Cyrus St. John,  
 Abraham Tausig,  
 John Martin Taylor,  
 Jonathan Gibson Taylor,  
 Charles Edwin Thomas,  
 Wm. Wallace Thomas,  
 Wm. Wheeler Thorton,  
 Frank Albert Ticknor,  
 Clarence Tinker,  
 William Harrison Tuller,  
 Nathan Enoch Utt,  
 Jerome L. Vanderwerker,  
 Robert Henry Vickers,  
 Louis Francis Wade,  
 Charles Baker Wandelohr,  
 Frank Wellington Waring,  
 James Willard Watts,  
 James Amos Willoughby,  
 Emmet Wakeman Wilson,  
 Justus Appleton Wilson,  
 Theo. Winningham,  
 Edward William Withey,  
 Arthur Woodcock.

THOMAS M. COOLEY,  
 DEAN OF THE LAW FACULTY.

On motion of Regent Grant the degree of Bachelor of Laws was conferred upon the persons named in the communication received from the Dean of the Law Faculty, as recommended.

Regent S. S. Walker submitted the following resolution :

*Resolved*, That the sum of *One Hundred Dollars*, or so much thereof as may be necessary, be and is hereby appropriated from the General Fund to be expended, under the direction of the President, for the purpose of representing the University in the Centennial Exhibition.

The resolution was adopted by the following vote :

*Aye*—Regents Estabrook, McGowan, Grant, E. C. Walker, Climie, S. S. Walker and Cutcheon.

*Nay*—Regent Rynd.

The following resolution was submitted by Regent Rynd and adopted :

*Resolved*, That the Committee on Buildings and Grounds be instructed to make such changes in the numbering of seats in the Medical Lecture-Room as to said committee may seem necessary.

*Ayes*—Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Climie, Cutcheon and S. S. Walker.

Regent Rynd submitted the following resolution, which was also adopted :

*Resolved*, That the Committee on Buildings and Grounds be instructed to examine the heating apparatus of the Medical building, and report at the June meeting what changes and repairs (if any) are necessary, and the probable expense of the work.

The committee appointed to make a recast of the Standing Committees of the Board of Regents, submitted a report, which (having been amended by the Board) was adopted, as follows :

**EXECUTIVE COMMITTEE**—The President, Regents E. C. Walker, McGowan, and Cutcheon.

**FINANCE COMMITTEE**—Regents McGowan, Grant, and S. S. Walker.

**COMMITTEE ON LITERARY DEPARTMENT**—Regents Estabrook, E. C. Walker, and Cutcheon.

**COMMITTEE ON LAW DEPARTMENT**—Regents Grant, McGowan, and Rynd.

**COMMITTEE ON MEDICAL DEPARTMENT, HOMOEOPATHIC COLLEGE AND DENTAL SCHOOL**—Regents Rynd, Climie, and S. S. Walker.

**LIBRARY COMMITTEE**—The President, Regents Cutcheon, E. C. Walker, and Estabrook.

**COMMITTEE ON MUSEUM, SCHOOL OF MINES AND ASTRONOMICAL OBSERVATORY**—Regents S. S. Walker, Grant, and Estabrook.

**COMMITTEE ON CHEMICAL AND PHARMACEUTICAL DEPARTMENT, BUILDINGS AND GROUNDS**—Regents Climie, S. S. Walker, and Rynd.

Regent Climie asked to be excused during the remainder of the afternoon session of the Board.

On motion of Regent E. C. Walker, the request of Regent Climie was granted.

The following resolution, submitted by Regent Grant, was adopted :

*Resolved*, That the Finance Committee be and is hereby instructed to examine the system of keeping the accounts of the University, to ascertain and report such changes, if any, as they shall deem necessary, and that such committee be instructed to report to this Board at the June meeting.

Regent Walker submitted the following resolution relative to granting duplicate diplomas, which was adopted :

*Resolved*, That hereafter no duplicate diplomas be granted to graduates of the University without such proof of the loss of the original, by affidavit or otherwise, as shall be satisfactory to the Executive Committee.

On motion of Regent Walker the Board went into executive session, at the close of which the business of an open session was resumed.

A communication addressed to Professors Morgan and Jones, by the students of the Homœopathic Medical Department, expressing their satisfaction with the instruction they had received during the term, was read by Regent Rynd and ordered to be placed on file. Regent Rynd also read a communication from the President of the Homœopathic Medical Society of the State of Michigan, which was referred to the Committee on the Medical Department.

The following resolution submitted by Regent Grant, was adopted :

*Resolved*, That in the present financial condition of the University, it is impossible to continue the salary of Dr. George P. Williams at the present amount, and that it be reduced to five hundred dollars per annum, from and after the close of the current quarter.

The following resolution was submitted by Regent E. C. Walker:

*Resolved*, That the Treasurer of the University be authorized to make such temporary loans as may be necessary to meet any needed payments between the present time and the June meeting of the Board.

The vote on the adoption of the above resolution was as follows:

*Ayes*—Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Cutcheon and S. S. Walker.

Regent S. S. Walker submitted the following resolution :

*Resolved*, That W. L. B. Jenney be and is hereby appointed Professor of Architecture and Design, with such duties for the present as may be assigned him, and for such compensation for the services rendered as may be arranged by the Executive Committee.

The resolution was adopted by the following vote :

*Ayes*—Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Cutcheon and S. S. Walker.

The following report from the Committee on the Medical Department, presented and read by Regent Rynd, was adopted :

*To the Honorable, the Board of Regents:*

The Committee on Medical Department acknowledges the receipt of a resolution, passed at a meeting of the Michigan State Medical Society, held in Detroit on the 9th and 10th of June last, in reference to the question of a higher standard of Medical Education, and would respectfully report: That said Committee is earnestly in favor of a full three years' course, as soon as financial provision can be secured for such purpose. It is to be hoped that such provision will be made by the next Legislature. For the present, your Committee respectfully urges the importance of elevating the standard of medical education, in accordance with the report of the Faculty, made this day; and hereby pledges to the Faculty, the profession, and the people of the State warm support in such matters.

C. RYND,  
S. S. WALKER,  
AND CLIMIE.

The following resolution was submitted by Regent Cutcheon :

*Resolved*, That the salary of the Librarian be increased to the same sum as that of Assistant Professors.

On motion the resolution was laid upon the table.

On motion the Board adjourned to 10 o'clock A. M. Wednesday, March 29, 1876.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, March 29, 1876. }

The Board of Regents reassembled in the room of the President, at 10 o'clock A. M., and were called to order by Regent McGowan.

There being no quorum present, the Board adjourned to 2 o'clock P. M.



UNIVERSITY OF MICHIGAN,  
Wednesday, March 29, 1876. }

The Board of Regents reassembled in the room of the President, at 8 o'clock P. M., Regent Estabrook in the chair.

Present—A full Board.

The following resolution was submitted by Regent Rynd :

*Resolved*, That the salary of Will J. Herdman, M. D., be fixed at \$1,000 per annum, as Demonstrator of Anatomy.

The resolution was adopted by the following vote :

*Ayes*—Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Climie, Cutcheon and S. S. Walker.

Regent Rynd presented the following resolution, which was unanimously adopted :

*Resolved*, That Prof. Geo. E. Frothingham, M. D., be and is hereby appointed to perform, in addition to his duties as Ophthalmologist, the duties pertaining to the teaching of Materia Medica, and that he be designated as Professor of Materia Medica and Ophthalmology, his salary remaining as at present.

Regent Climie, chairman of the Committee to examine the accounts of Dr. S. H. Douglas, Director of the Chemical Laboratory, submitted the following report :

*To the Regents of the University:*

Your committee who were appointed at a meeting of the Board of Regents held December 21, 1875, under the following resolution, to-wit: "*Resolved*, That conformably with the request of Prof. S. H. Douglas, a committee of three Regents be appointed to investigate thoroughly his accounts with the University, and report to this Board, and that they have power to employ an accountant for such examination," respectfully submit the following report: The committee met January 13, 1876, and organized, appointing Regent Climie chairman, and employed an accountant; and on the 19th of January commenced work. After looking over the books, reports and vouchers, it was determined to commence our investigation with the year of 1864 and 1865, which began with Ledger of Chemical Laboratory, under date of October 13, 1864, and continued until May 9, 1865. In this year the Ledger is not a correct statement of the accounts. In but very few of the accounts during the year were the credits entered on the Ledger, consequently the accounts were apparently "Dr." balances against the students, but in the annual report of Dr. Douglas to the Finance Committee of the Board of Regents they were reported, so that the account for the year will be as follows:

Received from students.....	\$2,108 25
Balance from former year.....	394 05
Reported from former year.....	37 08
Reported from sales of Chemicals and Apparatus.....	57 22
Certificates to students.....	18 00

Total amount received.....	\$2,614 58
Amount received per annual report of Dr. Douglas to the Finance Committee of the Board of Regents.....	2,557 56

Which is \$57.02 less than was received at Laboratory.

The amount of money paid out as per Report of Dr. Douglas.....	\$1,786 04
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Which includes items of interest charged by Dr. Douglas on money which he claims to have advanced. Your committee, after making inquiry of Dr. Douglas as to the method of computing interest which is charged to the University by him, were not able to find the amount of money on which interest is charged, nor the time for which said interest was computed. A plan of monthly balances was therefore adopted and carried through the years of investigation, showing the amount of money received in each month at the Chemical Laboratory, which will be referred to in each year, as to whether interest should be allowed in the annual statements of Dr. Douglas. Taking up the year 1884 and 1885, we find a balance of money on hand, over and above the expenditures at the beginning of every month; consequently we deduct the interest charged.....

	\$ 10 70
Correct amount paid out.....	\$1,785 34
Total amount received.....	\$2,614 58
Less amount paid out.....	1,785 34
Amount due University.....	\$ 829 24

Douglas' Report, \$761 52.

YEAR 1885 AND 1886, FROM LEDGER AND REPORT, WILL BE AS FOLLOWS:

Received from students.....	\$2,328 52
Correct balance from former year.....	829 24
Reported from sales of Chemicals and Apparatus.....	190 82
Reported from certificates to students.....	28 00

Amount received per annual report of Dr. Douglas.....	\$3,947 58
	3,708 67

Which is \$243.91 less than was received at Laboratory.

The amount of money paid out as per report of Dr. Douglas.....	\$2,382 42
Less amount of interest.....	8 57

Correct amount paid out.....	\$2,373 85
Total amount received.....	\$3,947 58
Less amount paid out.....	\$2,373 85
Amount due University.....	1,573 73

Douglas' Report, \$1,321.25.

YEAR 1886 AND 1887, FROM LEDGER AND REPORT, WILL BE AS FOLLOWS:

Received from students.....	\$4,232 89
Correct balance from former year.....	1,573 73
Reported from sales of Chemicals, Apparatus and loan from University.....	687 27

Total amount received.....	6,493 89
Amount received per annual report of Dr. Douglas.....	\$5,953 07
Add error in footing.....	180 00
Correct amount of report.....	\$6,133 07

Which is \$360.82 less than was received at Laboratory.

The amount of money paid out as per report of Dr. Douglas.....	\$5,280 64
Less amount of interest.....	9 95
	<u>\$5,250 69</u>
Total amount received.....	\$6,483 89
Less amount paid out.....	5,250 69
Amount due University.....	<u>\$1,243 20</u>

Douglas' Report, \$692.39.

YEAR 1867 AND 1868, FROM LEDGER AND REPORT, WILL BE AS FOLLOWS:

Received from students.....	\$3,984 50
Correct balance from former year.....	1,243 20
Reported from sales of Chemicals, Apparatus and Certificates.....	222 65
Total amount received.....	<u>\$5,450 35</u>
Amount received per annual report of Dr. Douglas.....	\$4,734 99
Add error in footing.....	20 00
	<u>\$4,754 99</u>

Which is \$695.36 less than was received at Laboratory.

The amount of money paid out as per report of Dr. Douglas.....	\$2,913 59
Less error (see page 1 of said report).....	17 82
	<u>\$2,895 77</u>
Less amount of interest.....	12 08
Correct amount paid out.....	<u>\$2,883 69</u>
Total amount received.....	\$5,450 35
Less amount paid out.....	2,883 69
Amount due University.....	<u>\$2,566 66</u>

Douglas' Report, \$1,821.40.

YEAR 1868 AND 1869, FROM LEDGER AND REPORT, WILL BE AS FOLLOWS:

Received from students.....	\$5,378 15
Correct balance from former year.....	2,506 06
Reported from sales of Chemicals, Apparatus and certificates to students.....	653 65
Total amount received.....	<u>\$8,538 46</u>
Amount received per annual report of Dr. Douglas.....	\$7,178 10
Add error in footing.....	241 10
Correct amount of report.....	<u>\$7,419 20</u>

Which is \$1,179.26 less than was received at Laboratory.

The amount of money paid out as per report of Dr. Douglas.....	\$8,761 41
Less amount of interest.....	150 90
Correct amount paid out.....	<u>\$8,610 51</u>
Less 5 per cent. on \$(blank).....	\$ 200 00
Less 5 per cent. on \$5,762.68.....	288 13
Less amount paid Rose (no voucher).....	100 00
	<u>\$548 13</u>
Correct amount paid out.....	<u>\$8,022 38</u>
Total amount received.....	\$8,508 46
Less amount paid out.....	8,022 38
Amount due University.....	<u>\$ 576 08</u>

Douglas' Report, \$1,558 50.

## YEAR 1869 AND 1870, FROM LEDGER AND REPORT, WILL BE AS FOLLOWS:

Received from students.....	\$4,200 87
Correct balance from former year.....	578 08
Reported from sales of Chemicals and Apparatus, and warrants.....	1,845 00
Total amount received.....	\$6,630 45
Amount received per annual report of Dr. Douglas.....	5,385 87
Which is \$1,244.58 less than was received at Laboratory.	
The amount of money paid out as per report of Dr. Douglas.....	\$3,705 79
Less amount of interest.....	88 62
	<u>\$3,677 17</u>
Total amount received.....	\$6,630 45
Less amount paid out.....	3,677 17
Amount due University.....	<u>\$2,953 28</u>

Douglas' Report, \$61.48.

## YEAR 1870 AND 1871, FROM LEDGER AND REPORT, WILL BE AS FOLLOWS:

Received from students.....	\$4,396 66
Correct balance from former year.....	2,953 28
Reported from sales of Chemicals and Apparatus, and warrants.....	860 95
	<u>\$8,189 89</u>
Amount received per annual report of Dr. Douglas.....	4,888 09
Which is \$3,301 80 less than was received at Laboratory.	
The amount of money paid out as per report of Dr. Douglas.....	\$3,880 66
Less amount of interest.....	6 79
Correct amount paid out.....	<u>\$3,873 87</u>
Total amount received.....	\$8,189 89
Less amount paid out.....	3,873 87
Amount due University.....	<u>\$4,316 12</u>

Douglas' Report, \$1,007.33.

## YEAR 1871 AND 1872, FROM LEDGER AND REPORT, WILL BE AS FOLLOWS:

Received from students.....	\$4,280 86
Correct balance from former year.....	4,316 12
Reported from sales of Chemicals and Apparatus, and warrants.....	1,026 00
G. W. Orr, from year '70 and '71 (stub).....	20 00
	<u>\$9,612 98</u>
Amount received per annual report of Dr. Douglas.....	\$ 5,502 02
Which is \$4,110.96 less than was received at Laboratory.	
The amount of money paid out as per report of Dr. Douglas—correct amount paid out.....	4,794 17
Total amount received.....	\$ 9,612 98
Less amount paid out.....	4,794 17
Amount due University.....	<u>\$ 4,818 81</u>

Douglas Report, \$707.87.

## YEAR 1872 AND 1873 FROM LEDGER AND REPORT WILL BE AS FOLLOWS:

Received from students.....	\$ 4,843 70
Correct balance from former year.....	4,848 81
Reported from sales of chemicals, apparatus and warrants.....	850 00
	<u>\$10,542 51</u>
Amount received per annual report of Dr. Douglas.....	5,113 22
Which is \$5,429.29 less than was received at Laboratory.	

The amount of money paid out as per report of Dr. Douglas—correct amount paid out.....	4,323 77
Total amount received.....	\$10,542 51
Less amount paid out.....	4,323 77
Amount due University.....	\$ 6,218 74

Douglas' report, \$789.45.

YEAR 1873 AND 1874 FROM LEDGER AND REPORT WILL BE AS FOLLOWS:

Received from students.....	\$ 4,915 15
Correct balance from former year.....	6,218 74
Reported from sales of chemicals and apparatus.....	155 50
	<u>\$11,289 39</u>
Amount received per annual report of Dr. Douglas.....	4,759 05

Which is \$6,530.34 less than was received at Laboratory.

The amount of money paid out as per report of Dr. Douglas.....	5,928 75
Less amount of interest.....	163 81
	<u>\$ 5,765 14</u>
Total amount received.....	11,289 39
Less amount paid out.....	5,765 14
Amount due University.....	<u>\$ 5,524 25</u>

Douglas' report, \$1,169.70 amount due Douglas.

YEAR 1874 AND 1875 FROM LEDGER AND REPORT WILL BE AS FOLLOWS:

Received from students.....	\$ 6,248 75
Correct balance from former year.....	5,524 25
Reported from sales of chemicals, apparatus, etc.....	281 00
Total amount received.....	<u>\$12,054 00</u>
Amount received per annual report of Dr. Douglas.....	5,163 87

Which is \$6,890.13 less than was received at Laboratory.

The amount of money paid out as per Report of Dr. Douglas.....	6,702 69
Less amount of interest.....	309 19
Correct amount paid out.....	<u>\$ 6,393 50</u>
Total amount received.....	\$12,054 00
Less amount paid out.....	6,393 50
Amount due University.....	<u>\$ 5,660 50</u>

Douglas' Report, \$2,682.96 amount due Douglas.

Thus it will be seen that the difference between the receipts at the Chemical Laboratory and the amounts as reported by Dr.

Douglas is..... \$ 8,343 46

We append a general summary, showing the amounts of money received at the Chemical Laboratory and the amount reported as such receipts, showing a deficit of \$8,984.01:

## SUMMARY.

	Receipts.	Deficit.	Reported.	Excess
1864 and 1865.....	\$ 2,108 25	\$ 25 00	\$ 2,051 23	
1865 and 1866.....	2,028 52	160 71	2,752 33	
1866 and 1867.....	1,232 80	74 61	1,124 53	
1867 and 1868.....	3,084 50	201 20	3,632 00	
1868 and 1869.....	5,378 15	410 10	4,944 15	
1869 and 1870.....	1,200 37	670 00	3,540 87	
1870 and 1871.....	4,356 08	885 51	3,536 05	\$ 98 45
1871 and 1872.....	4,280 86	842 75	3,468 71	33 25
1872 and 1873.....	4,843 70	1,120 15	3,555 35	
1873 and 1874.....	4,915 15	1,288 80	3,814 10	54 80
1874 and 1875.....	6,248 75	1,418 08	4,892 87	
	\$47,486 80	\$7,170 51	\$40,502 79	\$186 50

186 50 excess deducted.

\$6,084 01 actual deficit.

Your Committee also gave some attention to the allegation that excessive prices were paid for the goods purchased; it being reported that responsible parties in the city of Ann Arbor would duplicate the bills, laying the goods down at the University at prices less than they were charged at in New York. We have not been able to substantiate this charge.

In the course of the investigation Regent Climie visited New York, and by the parties of whom goods have been most largely bought, was assured that the charges made, that Dr. Douglas has been in the habit of receiving commissions for the goods purchased for the University, were without foundation.

Mr. Richard Tregaskis, of Detroit, the accountant first engaged in this work, and who has been associated with your Committee during the entire investigation, has exhibited a pains-taking industry to which we desire to call the attention of your honorable Board. We have been impressed with his honesty and ability, and shall ever remember the invaluable labor performed by him—frequently working twelve hours per day.

Mr. A. M. McAllister, of Mendon, has been associated with Mr. Tregaskis for the past four weeks, and has furnished us very valuable aid. Indeed, without the industry and capacity exhibited by both gentlemen, we could not have hoped to present any intelligible statement to your honorable Board, at this time.

In conclusion, your Committee desire to add that various financial operations not included in the above examination, and to which our attention has been called during the progress of our examinations, exhibit, so far as we have been able to judge, irregularities in their character, and which should be made the subject of further investigation.

Your committee were appointed to "investigate thoroughly the accounts of Prof. S. H. Douglas with the University." While we have been unable to cover the whole field, yet the motion under which your Committee were appointed undoubtedly contemplated a complete, thorough and exhaustive examination. This we have had in view, but as our labors terminate with the rendering of this report, we recommend that the work still unperformed be taken up by the Finance Committee of the Board, carried to its legitimate conclusions, and the results given to the Board at the earliest day practicable.

ANDREW CLIMIE,  
Chairman of Committee.  
C. RYND.

Regent Clinie having finished the reading of his report, Regent S. S. Walker of the same committee announced his non-concurrence in the majority report, for reasons which would appear in a minority report, which he had the honor to present, and with the permission of the Board would read. Permission was granted.

*To the Board of Regents of the University of Michigan:*

The undersigned, a member of your Committee to whom was assigned the duty of examining the accounts of Dr. Douglas, in accordance with his request, would respectfully submit the following as his view of the result of their labors:

The Committee met January 13th, and organized by the election of Regent Clinie Chairman, and engaged Mr. Richard Tregaskis, of Detroit, an accomplished accountant, as assistant; afterwards, it becoming evident that we would not be able to complete the work for the March meeting of the Regents, the additional services of Mr. A. N. McAllister were secured.

Early in the prosecution of our labors we were impressed with the difficulty and intricacy of the task before us, and now at the making up of our report, are obliged to omit a large mass of interesting, though not material, matter that has been in contemplation, but which we have not been able to satisfactorily examine and complete.

Our work commences at the years 1864-65, and consisted in arranging, compiling, tabulating and verifying the receipts and expenditures in the Chemical Department, and in re-examining the Annual Reports of Dr. Douglas, which have, from time to time, been passed upon by the Finance Committee and the Board of Regents.

In the Annual Statements we found several clerical errors, which corrected in the balances carried forward from year to year would be as follows:

In Statement of July, 1866, an error which should be placed to						
the Credit of Dr. Douglas of.....						\$ 17 85
In the Statement of July, 1867, a balance of errors to his Debit of						\$180 04
"	"	"	1869,	"	"	20 00
"	"	"	1869,	"	"	212 88
"	"	"	1870,	"	"	
"	"	"	1871,	"	"	Credit of 380 00
						Debit of 10
						<hr/>
						\$413 02 \$407 85
Balance of errors against Dr. Douglas.....						5 17
						<hr/>
						\$413 02 \$413 02
						<hr/>

In Dr. Douglas' Statement of 1868, there appears a Credit to the University of \$112.50 with no note or memorandum showing its proper disposition. Dr. Douglas claims, and it would seem justly, that this credit covers the errors in the years 1867 and 1868, which he had discovered, and also collections made on Laboratory accounts not elsewhere reported. Should this be allowed, it would make the aggregate of errors \$157.02 for which Dr. Douglas should have credit.

Your Committee also find certain errors in the bills audited and allowed by the Regents, so palpably erroneous that they do not hesitate to note them as follows:

In the Statement of 1867-68 an item of exchange charged at \$18, was without doubt intended for 18 cents, leaving a balance to the debit of Dr. Douglas of \$17.82.

In the Statement of 1868-69, Dr. Douglas is allowed a commission for superintending the construction of an addition to the Laboratory of \$200 on the estimated cost of the work. Subsequently he charged a commission of \$228.13 on the actual disbursements, though in this there is an error, which latter amount should clearly be charged back to him. In the same report there is a charge of \$100 to P. B. Rose, for which there is no corresponding voucher, and as the sum of \$300, the amount to be paid to him from the Laboratory receipts, is elsewhere charged, and for which there are proper vouchers, it would seem that this sum should also be charged to Dr. Douglas as an error.

With the vouchers for 1868 were found two bills and receipts for the sums of \$58.75 and \$7.50 respectively that would seem to be proper charges, and which have evidence of having been examined and allowed, but we failed to find them charged against the University. It would seem that they should be placed to the credit of Dr. Douglas.

The houses which have largely furnished the materials used in the Laboratory were requested to forward statements of their accounts. These were fully verified by the Annual Reports with the exception of an item of \$206.82 in 1872 in the account of E. B. Benjamin, who acknowledges receiving pay for goods purchased for and used in the Laboratory, but which has not been charged up against the University. Dr. Douglas should also have credit for this amount.

Summarizing the above we would find, allowing the items in the reports of 1863 and 1867 to be accounted for by the otherwise unexplained credit of \$112.50 in the report of 1863, the corrections in the Annual Reports to be as follows:

1868.	Dr. Douglas Dr. to balance of errors.....	\$ 20 00	
1869.	" " " " " " .....	212 88	
1870.	" " Cr. by " " " " .....		\$800 00
1871.	" " Dr. to " " " " .....	10	
1867.	" " Dr. to error in exchange .....	17 82	
1869.	" " Dr. to " " commission as superintend- ent of building.....	288 13	
1869.	Dr. Douglas Dr. to charge paid Rose in error .....	100 00	
1868.	" " Cr. by bill.....		58 75
1868.	" " " " " " .....		7 50
1872.	" " " " E. B. Benjamin .....		206 82
	Making a balance due Dr. Douglas in correcting errors, saying nothing of interest either way, of.....	81 14	
		<u>\$721 07</u>	<u>\$721 07</u>

The Committee find in many of the Annual Reports a number of charges for interest in "Dr. Balances". We were unable to satisfactorily verify them owing to the manner in which the accounts had been kept. Taking the view of the case that the amounts reported by Dr. Douglas as received by him as correct, it is likely that these accounts of interest on advances or "Dr. Balances" would be found sufficiently correct. Taking the view that Dr. Douglas should be charged with all moneys which he *ought to have* received, a large amount of which he claims not to have received—as will be hereafter noted—as the correct one, it would wipe out the matter of "Dr. Balances," the only foundation of the interest charged, and of course the charges for interest.

A very careful and complete analysis and posting of the accounts in the "Laboratory Ledgers," and the "stubs," "receipts" and "vouchers" on the receiving side of the Laboratory accounts has been made. The result of this



work tabulated with the amounts Dr. Douglas reports as having received and showing the difference by years, is submitted in the following table:

YEAR.	Total Amt. of Lab. Retn.	Reported by Douglas.	Difference.	Total Deficit.	Excess Reported not Acct'd for.
1864-65.....	\$ 2,108 25	\$ 2,051 23	\$ 57 02	\$ 25 00	
1865-66.....	2,928 52	2,752 33	176 19	109 71	
1866-67.....	4,232 89	4,124 53	108 36	74 61	
1867-68.....	3,984 59	3,832 00	152 59	201 20	
1868-69.....	5,378 15	4,944 15	434 00	449 10	
1869-70.....	4,209 37	3,540 87	668 50	676 00	
1870-71.....	4,356 66	3,536 65	820 01	885 51	\$ 98 45
1871-72.....	4,280 86	3,408 71	872 15	842 75	33 25
1872-73.....	4,843 70	3,555 35	1,288 35	1,129 15	
1873-74.....	4,915 15	3,814 10	1,101 05	1,308 80	54 80
1874-75.....	6,248 75	4,882 87	1,355 88	1,418 68	
	\$47,486 80	\$40,502 79	\$6,984 01	\$7,170 51	\$186 50

Total Deficit as arrived at.....\$7,170 51  
Less amount credited not accounted for..... 186 50

Total Deficit.....\$6,984 01

Being the same as the footings of the column of differences between the total amount received and the amount reported as received by Dr. Douglas.

Your Committee at this point takes occasion to state that they express no opinion as to whether the sums which should have been received by Dr. Douglas as head of the Chemical Department have been so received or not. Nor did they go at all into the questions of the forgery of the vouchers, the "red lines" or "letter D," deeming that any opinion they might have arrived at in these matters is entirely unsatisfactory, extra-judicial, and prejudging a case that it is evident to them can only be settled by a resort to the courts.

A number of charges are found in the Annual Reports of expenses of Dr. Douglas to New York, Boston and Philadelphia. These items were satisfactory to the committee auditing the accounts who passed upon and allowed them. I do not feel that we should be justified in criticising these items, if we do not deem the expenditures entirely wise and legitimate. Their necessity or advantages were known to the committee at the time, and their passing them should be satisfactory.

In the course of our labors Dr. Rose was requested to aid us by suggesting points to be examined or by any information or suggestion he could give, but made no suggestions or offered any clue or information.

Your committee also gave some attention to the allegation that excessive prices were paid for the goods purchased, it being reported that responsible parties in the city of Ann Arbor would duplicate the bills, laying the goods down at the University at prices less than they were charged at in New York. We have not been able to substantiate this charge, but from the investigation given are of the opinion that the idea comes from the comparatively cheaper rates of some chemicals used in the arts not chemically pure,

and not at all adapted to the uses made of chemically pure articles necessary in analysis.

In the course of the investigation, Regent Climie visited New York, and by the parties of whom goods have been most largely bought was assured that the charges made that Dr. Douglas has been in the habit of receiving commissions for the goods purchased for the University was without foundation.

Both Regent Climie and myself desire to express our very high opinion of the character of the work done by the accountants. A careful examination and supervision of it as in progress, principally by Regent Climie and to some extent by myself, is the basis of our opinion that this portion of the labor accomplished can be relied upon as accurate—at least as nearly so as could be made from the data had to work upon. It is the basis of this report, and in any particulars wherein they may not agree, should such be found, I prefer to take the figures in the work of the accountants, having been unable to thoroughly correct and review. There are also several points of decided interest as shown by the work of the accountants, on which I have not touched,—as the matter of uncollected balances, which in the aggregate amounts to quite a sum, and should more properly be charged to Profit and Loss than to the deficiency or defalcation with which I think it is now embraced.

The labors of your Committee have not been without results in a general way. In the course of our investigation we have been impressed with the general lack of proper system in the financial affairs of the University. We are led to believe that the Steward, who has enough of his own legitimate duties to perform is largely burdened with duties that properly belong to the Treasurer of the University. In the course of our investigation we have found no books belonging to the Treasurer's Department in the possession of the University, the only records being the Proceedings of the Board of Regents, from which alone it would be very difficult and unsatisfactory to "pick out" a "Financial History of the University."

The position of the Laboratory with reference, financially, to the University has until the present been an anomaly, a wheel within a wheel, running itself, which it has done most successfully, notwithstanding the large deficiency or defalcation above shown, netting to the University a large fund invested in apparatus and machinery. It was the intention of your Committee to show this in detail, but from the labor and time already consumed they have been unable to do so. The system at present in operation places the Laboratory on the same basis as the other Departments, accounting through the Steward and Treasurer for all funds received and all expenditures made. Had such a system been long ago adopted, there would have been little need of our labors.

In conclusion I have to say that while having full confidence in the work of the accountants and the data now gathered, I am not satisfied that in the report of Regent Climie or my own the material has been properly digested, and trust the matter may be further arranged and tabulated by the Finance Committee, to whom I trust the whole subject may be referred.

(Signed) S. S. WALKER.

Regent Walker having concluded the reading of his report, the following resolutions were submitted by Regent E. C. Walker, and were adopted :

*Resolved*, That the two reports, submitted by the Committee on the Accounts of Dr. Douglas, and now pending before the Board, be referred to the Finance Committee, with instructions to call to their aid the accountant, Mr. Tregaskis, and determine at the earliest possible moment, so far as they can, where or to whom the deficiency in the Laboratory should be charged, and as soon as their investigation is completed to call a meeting of the Board of Regents.

*Resolved*, That the committee be requested to invite Professor Douglas and Professor Rose to appear before them, and to give these gentlemen every opportunity to present such testimony as they may deem proper.

On motion of Regent Rynd, Mr. R. A. Beal being present, was permitted to address the Board in behalf of his friend, Dr. P. B. Rose.

Regent S. S. Walker stated that, for reasons which needed no explanation, he desired to be relieved from service on the committee which was to continue the examination of Dr. Douglas' accounts, and trusted that his request would be cordially granted.

On motion of Regent E. C. Walker, the request of Regent S. S. Walker was granted, and Regent Estabrook was appointed to fill the vacancy in the examining committee.

Regent Rynd submitted the following resolution :

*Resolved*, That Dr. P. B. Rose be and is hereby restored to his position as Assistant Professor in the University, and that he be paid since January 1st, at his former salary.

At the close of the discussion on the above resolution, Regent Rynd called for the Ayes and Nays on the question, which resulted as follows :

*Ayes*—Regents Estabrook, Grant, Rynd, Child, Cutcheon and S. S. Walker.

*Nays*—Regents McGowan and E. C. Walker.

The resolution was adopted.

Regent Walker, of the Executive Committee, submitted the following report :

*To the Honorable, the Board of Regents :*

The Executive Committee, to whom was referred the duty of arranging with Dr. Rose for a legal investigation of the claims of the University against him would respectfully report :

That they retained Gov. Alpheus Felch and Hon. C. I. Walker as counsel for the University; that negotiations were opened with the attorney of Dr. Rose, who was requested to waive the year's time given to Dr. Rose, and permit the University to file a bill for foreclosure upon the security given us by him, believing that a matter of complicated account could best be settled before a Circuit Court Commission in Chancery. This was declined upon the ground that he preferred to go before a jury. The committee then made efforts to have the matter referred to arbitrators, but with no better success.

The committee and the counsel thought that such a mass of accounts, running through a series of years, could not with propriety be acted upon by a jury, and concluded not to commence proceedings till the further action on the Board.

All which is respectfully submitted,

E. C. WALKER,  
J. H. MCGOWAN. } Executive Committee.

On motion of Regent Grant, the report submitted and read by Regent Walker was accepted and ordered to be printed in the Minutes.

The resolution of Regent Cutcheon, relative to the Librarian's salary was taken from the table, and on motion was referred to the Committee on the Library, with a request that the Committee submit a report relative to the matter at the next meeting of the Board.

On motion of Regent McGowan, the Board went into executive session, at the close of which business in open session was resumed.

The following appropriations, to be drawn as needed, were made on recommendation of the Finance Committee:

For contingent expenses.....	\$500 00
For Insurance.....	500 00
For fuel and lights.....	500 00
For postage.....	100 00
For Regents' expenses.....	249 75

On motion of Regent Rynd, the Secretary of the Board was instructed to ascertain and pay the expenses already incurred by the special committee, appointed by the Board to examine the accounts of the Director of the Chemical Laboratory.

*Ayes*—Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Clinie, Cutcheon and S. S. Walker.

Regent Grant submitted the following resolution:

*Resolved*, That Joseph Beal Steere be and hereby is appointed "Assistant Professor of Paleontology and Curator of the Museum," at a salary of \$1,800 per annum; salary to commence April 1, 1876.

The resolution was adopted by the following vote:

*Ayes*—Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Clinie, Cutcheon and S. S. Walker.

The following resolution, submitted by Regent Rynd, was adopted unanimously:

The amount of money paid out as per report of Dr. Douglas—correct amount paid out.....	4,323 77
Total amount received.....	\$10,542 51
Less amount paid out.....	4,323 77
Amount due University.....	\$ 6,218 74

Douglas' report, \$789.45.

YEAR 1873 AND 1874 FROM LEDGER AND REPORT WILL BE AS FOLLOWS:

Received from students.....	\$ 4,915 15
Correct balance from former year.....	6,218 74
Reported from sales of chemicals and apparatus.....	155 50
	<u>\$11,289 39</u>
Amount received per annual report of Dr. Douglas.....	4,759 05

Which is \$6,530.34 less than was received at Laboratory.

The amount of money paid out as per report of Dr. Douglas.....	5,928 75
Less amount of interest.....	103 61
	<u>\$ 5,765 14</u>
Total amount received.....	11,289 39
Less amount paid out.....	5,765 14
Amount due University.....	<u>\$ 5,524 25</u>

Douglas' report, \$1,160.70 amount due Douglas.

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Received from students.....	\$ 6,248 75
Correct balance from former year.....	5,524 25
Reported from sales of chemicals, apparatus, etc.....	281 00
Total amount received.....	<u>\$12,054 00</u>
Amount received per annual report of Dr. Douglas.....	5,163 87

Which is \$6,890.13 less than was received at Laboratory.

The amount of money paid out as per Report of Dr. Douglas.....	6,702 69
Less amount of interest.....	309 19
Correct amount paid out.....	<u>\$ 6,393 50</u>
Total amount received.....	\$12,054 00
Less amount paid out.....	6,393 50
Amount due University.....	<u>\$ 5,660 50</u>

Douglas' Report, \$2,682.96 amount due Douglas.

Thus it will be seen that the difference between the receipts at the Chemical Laboratory and the amounts as reported by Dr. Douglas is.....	<u>\$ 8,348 46</u>
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We append a general summary, showing the amounts of money received at the Chemical Laboratory and the amount reported as such receipts, showing a deficit of \$8,084.01:

## SUMMARY.

	Receipts.	Deficit.	Reported.	Excess
1864 and 1865.....	\$ 2,108 25	\$ 25 00	\$ 2,051 23	
1865 and 1866.....	2,928 52	160 71	2,732 33	
1866 and 1867.....	1,232 89	74 61	1,124 53	
1867 and 1868.....	3,984 50	201 20	3,832 00	
1868 and 1869.....	5,378 15	419 10	4,944 15	
1869 and 1870.....	4,200 37	676 00	3,510 87	
1870 and 1871.....	4,356 06	885 51	3,536 65	\$ 98 45
1871 and 1872.....	4,280 86	842 75	3,468 71	33 25
1872 and 1873.....	4,843 70	1,120 15	3,555 35	
1873 and 1874.....	4,915 15	1,288 80	3,814 10	54 80
1874 and 1875.....	6,248 75	1,118 08	4,882 87	
	\$47,186 80	\$7,170 51	\$40,502 79	\$186 50

186 50 excess deducted.

\$6,084 01 actual deficit.

Your Committee also gave some attention to the allegation that excessive prices were paid for the goods purchased; it being reported that responsible parties in the city of Ann Arbor would duplicate the bills, laying the goods down at the University at prices less than they were charged at in New York. We have not been able to substantiate this charge.

In the course of the investigation Regent Climie visited New York, and by the parties of whom goods have been most largely bought, was assured that the charges made, that Dr. Douglas has been in the habit of receiving commissions for the goods purchased for the University, were without foundation.

Mr. Richard Tregaskis, of Detroit, the accountant first engaged in this work, and who has been associated with your Committee during the entire investigation, has exhibited a pains-taking industry to which we desire to call the attention of your honorable Board. We have been impressed with his honesty and ability, and shall ever remember the invaluable labor performed by him—frequently working twelve hours per day.

Mr. A. M. McAllister, of Mendon, has been associated with Mr. Tregaskis for the past four weeks, and has furnished us very valuable aid. Indeed, without the industry and capacity exhibited by both gentlemen, we could not have hoped to present any intelligible statement to your honorable Board, at this time.

In conclusion, your Committee desire to add that various financial operations not included in the above examination, and to which our attention has been called during the progress of our examinations, exhibit, so far as we have been able to judge, irregularities in their character, and which should be made the subject of further investigation.

Your committee were appointed to "investigate thoroughly the accounts of Prof. S. H. Douglas with the University." While we have been unable to cover the whole field, yet the motion under which your Committee were appointed undoubtedly contemplated a complete, thorough and exhaustive examination. This we have had in view, but as our labors terminate with the rendering of this report, we recommend that the work still unperformed be taken up by the Finance Committee of the Board, carried to its legitimate conclusions, and the results given to the Board at the earliest day practicable.

ANDREW CLIMIE,  
Chairman of Committee.  
C. RYND.

Regent Clinie having finished the reading of his report, Regent S. S. Walker of the same committee announced his non-concurrence in the majority report, for reasons which would appear in a minority report, which he had the honor to present, and with the permission of the Board would read. Permission was granted.

*To the Board of Regents of the University of Michigan:*

The undersigned, a member of your Committee to whom was assigned the duty of examining the accounts of Dr. Douglas, in accordance with his request, would respectfully submit the following as his view of the result of their labors:

The Committee met January 13th, and organized by the election of Regent Clinie Chairman, and engaged Mr. Richard Tregaskis, of Detroit, an accomplished accountant, as assistant; afterwards, it becoming evident that we would not be able to complete the work for the March meeting of the Regents, the additional services of Mr. A. N. McAllister were secured.

Early in the prosecution of our labors we were impressed with the difficulty and intricacy of the task before us, and now at the making up of our report, are obliged to omit a large mass of interesting, though not material, matter that has been in contemplation, but which we have not been able to satisfactorily examine and complete.

Our work commences at the years 1864-65, and consisted in arranging, compiling, tabulating and verifying the receipts and expenditures in the Chemical Department, and in re-examining the Annual Reports of Dr. Douglas, which have, from time to time, been passed upon by the Finance Committee and the Board of Regents.

In the Annual Statements we found several clerical errors, which corrected in the balances carried forward from year to year would be as follows:

In Statement of July, 1866, an error which should be placed to the Credit of Dr. Douglas of -----		\$ 17 85
In the Statement of July, 1867, a balance of errors to his Debit of -----	\$180 04	
" " " 1868, " " " " " " " " " " " "	30 00	
" " " 1869, " " " " " " " " " " " "	212 88	
" " " 1870, " " " " " " " " " " " "		390 00
" " " 1871, " " " " " " " " " " " " Debit of -----	10	
	<u>\$413 02</u>	<u>\$407 85</u>
Balance of errors against Dr. Douglas-----		5 17
	<u>\$413 02</u>	<u>\$413 02</u>

In Dr. Douglas' Statement of 1888, there appears a Credit to the University of \$112.50 with no note or memorandum showing its proper disposition. Dr. Douglas claims, and it would seem justly, that this credit covers the errors in the years 1867 and 1868, which he had discovered, and also collections made on Laboratory accounts not elsewhere reported. Should this be allowed, it would make the aggregate of errors \$157.02 for which Dr. Douglas should have credit.

Your Committee also find certain errors in the bills audited and allowed by the Regents, so palpably erroneous that they do not hesitate to note them as follows :

In the Statement of 1867-68 an Item of exchange charged at \$18, was without doubt intended for 18 cents, leaving a balance to the debit of Dr. Douglas of \$17.82.

In the Statement of 1868-69, Dr. Douglas is allowed a commission for superintending the construction of an addition to the Laboratory of \$200 on the estimated cost of the work. Subsequently he charged a commission of \$228.13 on the actual disbursements, though in this there is an error, which latter amount should clearly be charged back to him. In the same report there is a charge of \$100 to P. B. Rose, for which there is no corresponding voucher, and as the sum of \$300, the amount to be paid to him from the Laboratory receipts, is elsewhere charged, and for which there are proper vouchers, it would seem that this sum should also be charged to Dr. Douglas as an error.

With the vouchers for 1868 were found two bills and receipts for the sums of \$54.75 and \$7.50 respectively that would seem to be proper charges, and which have evidence of having been examined and allowed, but we failed to find them charged against the University. It would seem that they should be placed to the credit of Dr. Douglas.

The houses which have largely furnished the materials used in the Laboratory were requested to forward statements of their accounts. These were fully verified by the Annual Reports with the exception of an item of \$206.82 in 1872 in the account of E. B. Benjamin, who acknowledges receiving pay for goods purchased for and used in the Laboratory, but which has not been charged up against the University. Dr. Douglas should also have credit for this amount.

Summarizing the above we would find, allowing the items in the reports of 1863 and 1867 to be accounted for by the otherwise unexplained credit of \$412 50 in the report of 1863, the corrections in the Annual Reports to be as follows:

1863.	Dr. Douglas	Dr. to balance of errors.....	\$ 20 00	
1869.	"	" " " " " " .....	212 88	
1870.	"	" " Cr. by " " " " .....		\$300 00
1871.	"	" " Dr. to " " " " .....	10	
1867.	"	" " Dr. to error in exchange .....	17 82	
1869.	"	" " " " commission as superintend- ent of building.....	238 13	
1869.	Dr. Douglas	Dr. to charge paid Rose in error.....	100 00	
1868.	"	" " Cr. by bill.....		58 75
1868.	"	" " " " " " .....		7 50
1872.	"	" " " " E. B. Benjamin .....		206 82
		Making a balance due Dr. Douglas in correcting errors, saying nothing of interest either way, of.....	81 11	
			<u>\$723 07</u>	<u>\$723 07</u>

The Committee find in many of the Annual Reports a number of charges for interest in "Dr. Balances". We were unable to satisfactorily verify them owing to the manner in which the accounts had been kept. Taking the view of the case that the amounts reported by Dr. Douglas as received by him as correct, it is likely that these accounts of interest on advances or "Dr. Balances" would be found sufficiently correct. Taking the view that Dr. Douglas should be charged with all moneys which he *ought to have* received, a large amount of which he claims not to have received—as will be hereafter noted—as the correct one, it would wipe out the matter of "Dr. Balances," the only foundation of the interest charged, and of course the charges for interest.

A very careful and complete analysis and posting of the accounts in the "Laboratory Ledgers," and the "stubs," "receipts" and "vouchers" on the receiving side of the Laboratory accounts has been made. The result of this



work tabulated with the amounts Dr. Douglas reports as having received and showing the difference by years, is submitted in the following table :

YEAR.	Total Amt. of Lab. Retn.	Reported by Douglas.	Difference.	Total Deficit.	Excess Reported not Acc't'd for.
1864-65	\$ 2,108 25	\$ 2,051 23	\$ 57 02	\$ 25 00	
1865-66	2,928 52	2,752 33	176 19	109 71	
1866-67	4,232 89	4,124 53	108 36	74 01	
1867-68	3,984 59	3,832 00	152 50	201 20	
1868-69	5,378 15	4,944 15	434 00	449 10	
1869-70	4,209 37	3,540 87	668 50	676 00	
1870-71	4,356 60	3,536 05	820 01	885 51	\$ 98 45
1871-72	4,280 80	3,408 71	872 15	842 75	33 25
1872-73	4,843 70	3,555 35	1,288 35	1,129 15	
1873-74	4,015 15	3,814 10	1,101 05	1,208 80	54 80
1874-75	6,248 75	4,882 87	1,355 88	1,418 88	
	\$47,496 80	\$40,502 79	\$6,994 01	\$7,170 51	\$186 50

Total Deficit as arrived at .....\$7,170 51  
Less amount credited not accounted for..... 186 50

Total Deficit.....\$6,984 01

Being the same as the footings of the column of differences between the total amount received and the amount reported as received by Dr. Douglas.

Your Committee at this point takes occasion to state that they express no opinion as to whether the sums which should have been received by Dr. Douglas as head of the Chemical Department have been so received or not. Nor did they go at all into the questions of the forgery of the vouchers, the "red lines" or "letter D," deeming that any opinion they might have arrived at in these matters is entirely unsatisfactory, extra-judicial, and prejudging a case that it is evident to them can only be settled by a resort to the courts.

A number of charges are found in the Annual Reports of expenses of Dr. Douglas to New York, Boston and Philadelphia. These items were satisfactory to the committee auditing the accounts who passed upon and allowed them. I do not feel that we should be justified in criticising these items, if we do not deem the expenditures entirely wise and legitimate. Their necessity or advantages were known to the committee at the time, and their passing them should be satisfactory.

In the course of our labors Dr. Rose was requested to aid us by suggesting points to be examined or by any information or suggestion he could give, but made no suggestions or offered any clue or information.

Your committee also gave some attention to the allegation that excessive prices were paid for the goods purchased, it being reported that responsible parties in the city of Ann Arbor would duplicate the bills, laying the goods down at the University at prices less than they were charged at in New York. We have not been able to substantiate this charge, but from the investigation given are of the opinion that the idea comes from the comparatively cheaper rates of some chemicals used in the arts not chemically pure,

and not at all adapted to the uses made of chemically pure articles necessary in analysis.

In the course of the investigation, Regent Clinie visited New York, and by the parties of whom goods have been most largely bought was assured that the charges made that Dr. Douglas has been in the habit of receiving commissions for the goods purchased for the University was without foundation.

Both Regent Clinie and myself desire to express our very high opinion of the character of the work done by the accountants. A careful examination and supervision of it as in progress, principally by Regent Clinie and to some extent by myself, is the basis of our opinion that this portion of the labor accomplished can be relied upon as accurate—at least as nearly so as could be made from the data had to work upon. It is the basis of this report, and in any particulars wherein they may not agree, should such be found, I prefer to take the figures in the work of the accountants, having been unable to thoroughly correct and review. There are also several points of decided interest as shown by the work of the accountants, on which I have not touched,—as the matter of uncollected balances, which in the aggregate amounts to quite a sum, and should more properly be charged to Profit and Loss than to the deficiency or defalcation with which I think it is now embraced.

The labors of your Committee have not been without results in a general way. In the course of our investigation we have been impressed with the general lack of proper system in the financial affairs of the University. We are led to believe that the Steward, who has enough of his own legitimate duties to perform is largely burdened with duties that properly belong to the Treasurer of the University. In the course of our investigation we have found no books belonging to the Treasurer's Department in the possession of the University, the only records being the Proceedings of the Board of Regents, from which alone it would be very difficult and unsatisfactory to "pick out" a "Financial History of the University."

The position of the Laboratory with reference, financially, to the University has until the present been an anomaly, a wheel within a wheel, running itself, which it has done most successfully, notwithstanding the large deficiency or defalcation above shown, netting to the University a large fund invested in apparatus and machinery. It was the intention of your Committee to show this in detail, but from the labor and time already consumed they have been unable to do so. The system at present in operation places the Laboratory on the same basis as the other Departments, accounting through the Steward and Treasurer for all funds received and all expenditures made. Had such a system been long ago adopted, there would have been little need of our labors.

In conclusion I have to say that while having full confidence in the work of the accountants and the data now gathered, I am not satisfied that in the report of Regent Clinie or my own the material has been properly digested, and trust the matter may be further arranged and tabulated by the Finance Committee, to whom I trust the whole subject may be referred.

(Signed) S. S. WALKER.

Regent Walker having concluded the reading of his report, the following resolutions were submitted by Regent E. C. Walker, and were adopted :

*Resolved*, That the two reports, submitted by the Committee on the Accounts of Dr. Douglas, and now pending before the Board, be referred to the Finance Committee, with instructions to call to their aid the accountant, Mr. Tregaskis, and determine at the earliest possible moment, so far as they can, where or to whom the deficiency in the Laboratory should be charged, and as soon as their investigation is completed to call a meeting of the Board of Regents.

*Resolved*, That the committee be requested to invite Professor Douglas and Professor Rose to appear before them, and to give these gentlemen every opportunity to present such testimony as they may deem proper.

On motion of Regent Rynd, Mr. R. A. Beal being present, was permitted to address the Board in behalf of his friend, Dr. P. B. Rose.

Regent S. S. Walker stated that, for reasons which needed no explanation, he desired to be relieved from service on the committee which was to continue the examination of Dr. Douglas' accounts, and trusted that his request would be cordially granted.

On motion of Regent E. C. Walker, the request of Regent S. S. Walker was granted, and Regent Estabrook was appointed to fill the vacancy in the examining committee.

Regent Rynd submitted the following resolution :

*Resolved*, That Dr. P. B. Rose be and is hereby restored to his position as Assistant Professor in the University, and that he be paid since January 1st, at his former salary.

At the close of the discussion on the above resolution, Regent Rynd called for the Ayes and Nays on the question, which resulted as follows :

*Ayes*—Regents Estabrook, Grant, Rynd, Cliple, Cutcheon and S. S. Walker.

*Nays*—Regents McGowan and E. C. Walker.

The resolution was adopted.

Regent Walker, of the Executive Committee, submitted the following report :

*To the Honorable, the Board of Regents:*

The Executive Committee, to whom was referred the duty of arranging with Dr. Rose for a legal investigation of the claims of the University against him would respectfully report:

That they retained Gov. Alpheus Felch and Hon. C. I. Walker as counsel for the University; that negotiations were opened with the attorney of Dr. Rose, who was requested to waive the year's time given to Dr. Rose, and permit the University to file a bill for foreclosure upon the security given us by him, believing that a matter of complicated account could best be settled before a Circuit Court Commission in Chancery. This was declined upon the ground that he preferred to go before a jury. The committee then made efforts to have the matter referred to arbitrators, but with no better success.

The committee and the counsel thought that such a mass of accounts, running through a series of years, could not with propriety be acted upon by a jury, and concluded not to commence proceedings till the further action of the Board.

All which is respectfully submitted,

E. C. WALKER,  
J. H. MCGOWAN. } Executive Committee.

On motion of Regent Grant, the report submitted and read by Regent Walker was accepted and ordered to be printed in the Minutes.

The resolution of Regent Cutcheon, relative to the Librarian's salary was taken from the table, and on motion was referred to the Committee on the Library, with a request that the Committee submit a report relative to the matter at the next meeting of the Board.

On motion of Regent McGowan, the Board went into executive session, at the close of which business in open session was resumed.

The following appropriations, to be drawn as needed, were made on recommendation of the Finance Committee:

For contingent expenses.....	\$500 00
For insurance.....	500 00
For fuel and lights.....	500 00
For postage.....	100 00
For Regents' expenses.....	249 75

On motion of Regent Rynd, the Secretary of the Board was instructed to ascertain and pay the expenses already incurred by the special committee, appointed by the Board to examine the accounts of the Director of the Chemical Laboratory.

*Ayes*—Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Climie, Cutcheon and S. S. Walker.

Regent Grant submitted the following resolution :

*Resolved*, That Joseph Beal Steere be and hereby is appointed "Assistant Professor of Paleontology and Curator of the Museum," at a salary of \$1,800 per annum; salary to commence April 1, 1876.

The resolution was adopted by the following vote :

*Ayes*—Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Climie, Cutcheon and S. S. Walker.

The following resolution, submitted by Regent Rynd, was adopted unanimously :

*Resolved*, That the special committee appointed to determine to whom the deficiency in the Laboratory should be charged, be and are hereby instructed to arrange for and obligate this board touching the settlement of any and all questions in dispute, in case said committee deem such course wisest and best, by arbitration or by amicable suit.

On motion the Board adjourned :

H. D. BENNETT,  
SECRETARY.

## JUNE MEETING.

UNIVERSITY OF MICHIGAN, }  
Friday, June 18, 1876. }

The Board of Regents assembled in the room of the President at 7½ o'clock, P. M.

Present the President, Regents Estabrook, McGowan, Grant, E. C. Walker, Climie and S. S. Walker.

The meeting was called to order, and opened with devotional exercises by the President.

The minutes of the last meeting were approved as printed.

The following communication from the Acting Dean of the Medical Department was received, and read by Regent Climie:

UNIVERSITY OF MICHIGAN, }  
Ann Arbor, Mich., June 18, 1876. }

*To the Hon. Board of Regents:*

GENTLEMEN: The following named persons have passed the required examinations, and are recommended for the degree of Doctor in Medicine:

Elbert Eugene Barnum,

Joseph Gillespie Millspaugh,

Reed Burns,

Joseph J. Moore,

Daniel O'Donovan,

Thomas P. Oven,

John Maynard Emery,

Homer Harvey White.

Daniel Howard Gregory,

Horace William Hammond,

Leonora A. Howard,

Charles Edwin Luscomb,

Abby Pease,

Peter McGregor,

Sylvia M. Ward.

William E. Mellen,

By order of the Faculty of the Department of Medicine and Surgery.

E. S. DUNSTER, M. D.,

ACTING DEAN.

The following resolution, presented by Regent Climie, was adopted:

*Resolved*, That the degree of Doctor of Medicine be conferred upon the persons named in the communication from the Dean of the Medical Faculty, as recommended.

Regent Grant submitted the following resolution:

*Resolved*, That when this Board adjourns, it shall adjourn to 9¼ o'clock to-morrow (Saturday) morning.

The resolution was adopted.

On motion of Regent Grant, the Board went into executive session, at the close of which it adjourned.

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UNIVERSITY OF MICHIGAN, }  
Saturday, June 17, 1876. }

The Board of Regents re-assembled in the room of the President at 11 o'clock A. M., and went immediately into executive session, and after spending sometime therein, resumed business in open session.

Regent McGowan submitted the following resolution, which was adopted :

*Resolved*, That of the amount provided by the Legislature for the purchase of apparatus, etc., for the School of Mines, one-third be and hereby is set aside for the use of the Department of Architecture and Design.

The following communication was read by the President :

*To the Honorable, the Board of Regents :*

The undersigned respectfully asks leave of absence from his duties in the University for two years, beginning July 1st, 1876.

M. W. HARRINGTON,

ASS'T PROF., IN CHARGE OF ZOOLOGY AND BOTANY.

University of Michigan, June 17, 1876.

Regent E. C. Walker submitted the following resolution, which was unanimously adopted :

*Resolved*, That the request of Assistant Prof. M. W. Harrington for a leave of absence for two years, for the purpose of pursuing his studies in Europe, be granted.

The following resolution was submitted by Regent McGowan :

*Resolved*, That owing to the contemplated absence of Prof. Harrington, Volney M. Spaulding be, and he is hereby appointed to the place of Instructor in Botany and Zoölogy for the ensuing year, at a salary of \$1,000 per annum, the year to begin Oct. 1, 1876.

The resolution was adopted by the following vote : Aye—Regents Estabrook, McGowan, Grant, E. C. Walker, Climie and S. S. Walker.

The following communication was presented by the President :

*To the Honorable Board of Regents:*

GENTLEMEN: Having determined to abandon teaching for other employment, I hereby tender to you my resignation of the Assistant Professorship of Rhetoric and History, to take effect Oct. 1, 1876, and desire that you accept the same.

Yours respectfully,

H. B. HUTCHINS.

University of Michigan, June 17, 1876.

On motion of Regent McGowan, the resignation of Assistant Professor Hutchins was accepted.

Regent E. C. Walker presented the following resolution:

*Resolved*, That Isaac N. Demmon be and hereby is appointed Assistant Professor of Rhetoric and History, in place of Assistant Professor Hutchins resigned, at the salary of eighteen hundred dollars per annum, commencing Oct. 1st next.

The resolution was adopted by vote as follows: Aye—Regents Estabrook, McGowan, Grant, E. C. Walker, Climie and S. S. Walker.

The following resolution was submitted by Regent McGowan:

*Resolved*, That Acting Professor of General Chemistry and Physics, John W. Langley, B.S., be, and he is hereby appointed to the professorship of General Chemistry and Physics.

The resolution was adopted by the following vote: Aye—Regents Estabrook, McGowan, Grant, E. C. Walker, Climie and S. S. Walker.

On motion of Regent McGowan, the Board adjourned to 2½ o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Saturday, June 17, 1876. }

The Board of Regents re-assembled in the room of the President at 2½ o'clock P. M.

~~Present~~, the President, Regents Estabrook, McGowan, Grant, E. C. Walker, Climie and S. S. Walker.

The following resolution, submitted by Regent Grant, was adopted:

*Resolved*, That when the Board adjourns, it adjourn to Monday next, June 19th, at 10 o'clock A. M., and that the report of the Special Committee appointed to complete the investigation of the Chemical Laboratory accounts be made the special order for that hour.



Regent S. S. Walker submitted the following resolutions, which were adopted :

*Resolved*, That the Treasurer of the University be, and he is hereby directed to procure such books as may be necessary to properly keep the accounts of the University, the said books to be and remain the property of the University, and all the accounts of the University, from and after the first day of July next, to be properly entered on them.

*Resolved*, That the Steward be directed to pay the bill for said books from the contingent fund, on the certificate of the Treasurer of the accuracy of such bill.

*Resolved*, That the said books shall be open to the inspection of the President and any member of the Board of Regents at any time.

The following resolution, submitted by Regent E. C. Walker, was adopted :

*Resolved*, That degrees in course, and degrees upon examination, be conferred at the coming Commencement, upon all those who shall have passed the requisite examinations, and shall have received the recommendations of the proper Faculties.

[For degrees conferred in accordance with this resolution see Appendix.]

Regent S. S. Walker submitted the following preamble and resolution, which was adopted unanimously :

WHEREAS, THOS. W. PALMER, of Detroit, of the class of 1849, was prevented from taking his degree at the time his class was graduated, therefore

*Resolved*, That the degree of Bachelor of Arts be, and the same is hereby conferred upon him, and that his name be placed with his class in the triennial catalogue.

Regent Grant submitted the following resolution :

*Resolved*, That Prof. W. L. B. JENNY be requested to draft plans for a new library and museum building, and report the same to the Board with the estimated cost of the same.

Adopted.

On motion of Regent E. C. Walker, the Board adjourned to 10 o'clock A. M., Monday, June 19, 1876.

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UNIVERSITY OF MICHIGAN,  
Monday, June 19th, 1876. }

The Board of Regents reassembled in Room A, at 10 o'clock A. M.

Present, the President, Regents Estabrook, McGowan, Grant, E. C. Walker, Climie, and S. S. Walker.

The report of the Special Committee appointed to complete the investigation of the Laboratory Accounts, and which was made the special order for this hour, was submitted, and read by Regent McGowan :

*To the Honorable Board of Regents of the University:*

Some time in November last the Executive Committee were informed that there had been discovered in the Laboratory accounts certain irregularities, of such a nature as to require their immediate attention. Regents E. C. Walker and McGowan, two of that committee (Regent Burt being at so great a distance was not called), at once came to Ann Arbor, and had an interview with President Angell at his home, and from there went to the house of Prof. Douglas, where one of the Laboratory ledgers and one or more of the stub books were shown them. The examination which up to that time had been made, and the results reached, were stated by the President and Prof. Douglas. The committee then learned that the accounts for the college year of 1874-5 showed a large delinquency, and that the matter had been brought to the attention of Prof. Rose, who had acknowledged his liability for the same by making with his own hand a list of such delinquent accounts, and paying over to Prof. Douglas the amount of the same. Also that the President and Prof. Douglas had pursued the investigation back of the year 1874-75, and were convinced that there were large deficiencies for several years prior to that time.

After examining the work which had been done so far as they could in one evening, the committee determined to send for Prof. Rose the next morning, and, if possible, make some arrangement to secure the University against all loss that a full examination of the Laboratory accounts might disclose. Accordingly, a meeting was had between such committee (Walker and McGowan) and Prof. Rose, at which time the committee stated to Prof. Rose that they were aware of the deficit in the Laboratory accounts for the past year, and that he had met the same by payment; but, that further examination showed that there were deficiencies in the years preceding the year 1874-75, and that they had called upon him with reference to the same; but they desired, if possible, to secure the University against loss. Prof. Rose, in the midst of great agitation, said he was not aware of any shortage in his accounts for other years than 1874-75, but that he desired to do what was right, and so far as he could would secure the University.

Thereupon an arrangement was made by which Prof. Rose deeded over to Mr. Knight, Treasurer of the University, his house and lot, the committee, on behalf of the Regents, giving him back a written statement setting forth that such conveyance was made in trust for the benefit of the University, and that upon said Rose paying over whatever sum might be found due from him to the University the said house and lot should be redeeded to him, and that he might have one year in which to make such payment.

The committee being unable to remain and personally prosecute the investigation, asked President Angell, Treasurer Knight and Steward Bennett to continue the work already begun of determining the amount of the delinquent accounts for the years previous to 1874-75. They also said to Prof. Douglas and Prof. Rose that they, being familiar with the books and records of the Laboratory and method of keeping the accounts, should each assist in

the work, and they both promised so to do. The gentlemen above named entered upon the work, taking up the accounts in the order of the years going backward from the year 1874-75, and as the amount of each year's delinquency was determined upon, an itemized list of the same was passed over to Prof. Rose who reviewed and corrected it, in some instances rewriting the whole list, and for the year 1873-74, after copying the corrected list in his own hand, adding a certificate to the same, stating that the accounts contained in said list were correct so far as he knew, according to the examination of the books. Owing to the fact that the gentlemen engaged in this work were at the same time attending to their ordinary duties, the progress of the examination was slow, and when only a portion of the work had been accomplished, the fact of a supposed defalcation in the Laboratory was made public in the newspapers, and from that time Prof. Rose refused to render further assistance.

Soon thereafter the Executive Committee, together with Regent Gilbert as chairman of the Finance Committee, were called to review the work and determine definitely what course should then be pursued. Regent McGowan being unable to attend, Regents Gilbert and Walker carefully reviewed and verified the work which had been done, and then called a meeting of the Board, to which they presented the report to be found in the proceedings of December 21, 1875, beginning on page 480. By reference to this report it will be seen that Prof. Rose, who had been previously notified of the meeting of the committee, declined giving them the benefit of his knowledge, but, instead gave a formal notice in a document printed with said report and marked "B," that he did not and would not recognize any of the work done, and invoking the decision of a legal tribunal upon all matters in dispute. After the report of Regents Gilbert and Walker had been submitted, the Board, by a formal resolution, invited Prof. Rose to be present at their afternoon meeting, "and that he be permitted to make a statement, either in person or otherwise." This invitation the professor accepted, and presented to the Board a written document, which will be found printed in the proceedings of said meeting. Following this statement, the minutes show a resolution suspending Prof. Rose from his duties as assistant professor until the further action of the Board, and at the same time the following resolution was adopted:

*Resolved*, That conformably with the request of Prof. S. H. Douglas, a committee of three Regents be appointed to investigate thoroughly his accounts with the University, and report to this Board; and that they have power to employ an accountant for such examination.

In pursuance of said resolution, Regent-elect S. S. Walker and Regents Climie and Rynd were made such committee. They met on the 19th day of January last, and commenced the work as provided in said resolution, and, at a meeting of the Board on the 29th of March, submitted the result of their labors in two reports, one signed by Regents Climie and Rynd, and one by Regent S. S. Walker. At this meeting of the Board, as will be seen by reference to the minutes, "R. A. Beal being present was permitted to address the Board in behalf of his friend, Prof. P. B. Rose." Mr. Beal then stated that Prof. Rose was able to render a complete and satisfactory account for all the money which had come into his hands at the Laboratory. That his accounts had been examined by experts, and papers and documents were in the hands of Prof. Rose and his friends that would

entirely exonerate him from any charge of wrong doing in connection with such accounts. Whereupon, after some discussion, the following resolution was adopted:

*Resolved*, That Dr. P. B. Rose be, and is hereby restored to his position as assistant professor in the University, and that he be paid since January 1st at his former salary.

The reports above mentioned only purported to have fixed the gross amount of delinquency in the Laboratory accounts without determining to whom such delinquency should be charged. Hence, pending the adoption of said reports, the following resolutions were adopted:

*Resolved*, That the two reports submitted by the committee on the accounts of Dr. Douglas, and now pending before the Board, be referred to the Finance Committee with instructions to call to their aid the accountant, Mr. Tregaskis, and determine at the earliest possible moment, so far as they can, where, or to whom the deficiency in the Laboratory should be charged, and as soon as their investigation is completed to call a meeting of the Board of Regents.

*Resolved*, That the committee be requested to invite Prof. Douglas and Prof. Rose to appear before them, and to give these gentlemen every opportunity to present such testimony as they may deem proper.

Regent S. S. Walker, a member of said Finance Committee, being a member of the former investigating committee, was excused from acting, and Regent Estabrook was appointed to fill his place. Your committee as then constituted, consisting of Regents McGowan, Grant and Estabrook, were further instructed by a resolution of the Board, as follows:

*Resolved*, That the special committee appointed to determine to whom the deficiency in the Laboratory should be charged, be, and are hereby instructed to arrange for and obligate this Board touching the settlement of any and all questions in dispute, in case said committee deem such course wisest and best, by arbitration or by amicable suit.

Owing to sickness and other unavoidable obstacles, the committee were unable to meet for the prosecution of the work thus imposed upon them until the 1st day of June inst. The committee met in the Lecture Room of the Law Building, having previously notified Prof. Douglas and Prof. Rose of the time of meeting. Both these gentlemen appeared by counsel, and the committee announced that the examination would be public, and suggested that all parties giving testimony should be sworn.

After a full statement of the course the committee proposed to pursue in the investigation, the counsel for Prof. Rose presented a bond in the penal sum of \$10,000, conditioned that if the said Preston B. Rose shall faithfully pay to the said Regents of the University of Michigan all sums of money for the payment of which he may be found legally liable to said Regents by the final judgment of any court of competent jurisdiction, or by the award of any board of any board of arbitrators mutually agreed upon by the parties within sixty days after the rendering of such final judgment or rendering of such award, then the above obligation to be void; otherwise to be and remain in full force and virtue. *Provided*, however, that this bond shall not become operative until the said, the Regents of the University of Michigan shall re-deed or cause to be re-deeded to said Preston B. Rose the house and lot now occupied by him as a homestead, and situated on the corner of Jefferson and State streets in the city of Ann Arbor, Michigan. Nor until the said the

Regents of the University of Michigan shall repay to said Preston B. Rose the sum of eight hundred and thirty-one dollars and ten cents (\$831.10) with interest from the sixth day of November, 1875.

Signed,

PRESTON B. ROSE,

RICE A. BEAL. [SEAL.]

In presence of A. J. SAWYER.

RANSOM S. SMITH,

Subsequently the same day, before any testimony had been taken, Prof. Rose, through his attorney, presented to the committee the following propositions:

1. To at once join issue with the Regents in an amicable suit, and proceed to the trial of the chief issue at the present June term of the Washtenaw Circuit Court, and give bond, conditioned that there should be no continuance asked on the part of Prof. Rose, and that he would pay whatever judgment should be obtained against him within sixty days after the rendition thereof.

2. Prof. Rose to go before the Board of Regents, give bonds for the deficiency, meet his case, and abide by the decision of the Board; provided Prof. Douglas would do the same.

The committee felt that the spirit and letter of the instructions under which they were acting required them to investigate and report on the whole subject matter. The first resolution creating a committee especially instructs them to call to their aid the accountant, Tregaskis, and determine at the earliest possible moment, so far as they can, where or to whom the deficiency in the Laboratory should be charged, and as soon as their investigation is completed to call a meeting of the Board of Regents. It is true a subsequent resolution instructs the committee to arrange for and obligate the Board touching the settlement of any and all questions in dispute (in case said committee deem such course wisest and best) by arbitration or by amicable suit.

An arbitration or an amicable suit is only possible where both parties are willing to enter upon the same. If either party declined this mode of settlement, the discretion given the committee by the resolution is at an end. The parties were unable to agree. Prof. Douglas declined any terms offered, insisting that his business was with the Regents, and he could enter into no negotiation with Prof. Rose. Hence the committee determined to proceed with the examination, whereupon Prof. Rose filed with us the paper hereto attached, and marked "Exhibit A," and withdrew, declining to take part in or aid the investigation.

The pending reports of the former Committee, which, by the resolution, were referred to us, only purported to carry the examination into the Laboratory accounts down to June 30th, 1875; and as considerable sums of money appearing on said reports as due from the Laboratory and unaccounted for had already been reported by the Director, between the said 30th June and the 1st day January last, your Committee determined in entering upon their work: First, to ascertain as nearly as possible the exact amount of the delinquent accounts as the same should appear by the records of the Laboratory from the year 1864-65 to Jan. 1st, 1876 inclusive. Second, where, or to whom this deficiency should be charged; and Third, what other irregularities, if any, there were in the conduct of the Laboratory.

With this in view, the Committee at once proceeded with the examination of witnesses, first administering to them the oath usually taken by witnesses in courts of justice, after which they were examined and cross-examined on the various points in question. The testimony was taken down by stenographers, has been transcribed, and accompanies this report. It will be seen that Richard Tregaskis, Silas H. Douglas, James B. Angell, Edwin C. Walker, H. D. Bennett, Prof. A. B. Prescott, C. H. Richmond, Alpheus Felch, and Andrew Clunie were sworn, and testified. The Committee also served notices on Rice A. Beal and Prof. Rose, asking them to come before us, and present any evidence they might have touching other matters under consideration, aside from what are known as the delinquent accounts, especially evidence touching the allegations that Prof. Douglas had received commissions on chemicals purchased, had paid excessive prices for chemicals, materials, etc. Mr. Beal appeared by his counsel, the Hon. Judge Crane, and declined the invitation for reasons set forth in a paper by him, filed and hereto attached, marked Exhibit B.

Prof. Rose's counsel came before the Committee in response to the invitation, and in the absence of Prof. Rose, proposed to submit an affidavit of his client, which the Committee declined to receive. Prof. Rose was on the ground, and if he proposed to furnish any evidence, he should have come in person, been sworn, and testified as the other witnesses, submitting himself to cross-examination. The Committee offered to allow him to appear upon the stand and testify to whatever point and upon whatever subject he saw fit, and they would hold the cross-examination to the subjects on which he had testified in chief, but this offer his counsel declined.

The first object to which the Committee addressed itself was the delinquent accounts. These are accounts where the ledgers of Laboratory show payments made by the student, which payments are unaccounted for in the Director's reports to the Board of Regents.

That the Regents may understand the bearing of the testimony relating to the deficiency, we quote from the report of Regent Gilbert his concise statement of the method of keeping the books and accounts at the Laboratory, viz.:

"Each student on entering the Laboratory for a course of instruction, made a deposit with Dr. Rose, the book-keeper and cashier, which was placed to his credit in a ledger prepared for the purpose; and for which he was given a receipt signed by Dr. Rose, and taken from a book prepared with stubs, upon which entries were made, corresponding in name, date and amount with the receipts given. On the side of the ledger opposite his credit, the student was, from time to time, charged with such material as he purchased for the prosecution of his studies. All the entries in the ledger seem to have been made by Dr. Rose. From time to time, when called upon, Dr. Rose paid over these original deposits to Dr. Douglas, and he acknowledged the receipt by placing on each stub his initial letter, 'D.' The book of stubs, the receipts detached therefrom and given the students, and the original credit entries to each student in the ledger should correspond, and together afford ample facilities for a verification of this branch of the accounts. We say above, 'the original credit entries,' for we notice no evidence from the stubs that receipts were ever given for subsequent deposits, made by the students, to cover the value of the materials bought by them,

after they had exhausted the first deposit; such subsequent deposits having been credited in the ledger only, leaving no stub to verify the account, or call attention to the fact that subsequent deposits had been made. This mode of conducting the business seems to leave an open door for error and fraud, and so it would, but for the fact that these original receipts are returned to Dr. Rose by the students at the close of the course, and on the back of each is a statement signed by the student, in which he certifies to the *total* amount he has paid Dr. Rose for chemicals, etc., during the course. If these students' statements correspond with the ledger, the proof is conclusive as to the accuracy of the whole. The final liability of Dr. Rose to Dr. Douglas is the aggregate amount called for by the students' statements on the back of the receipts, less the amount of the original deposits, previously paid by Dr. R. to Dr. D., and for which Dr. Rose holds the stubs signed 'D.' by Dr. Douglas, as vouchers. When this final settlement between Dr. Douglas and Dr. Rose was made, there should have been a careful comparison of these certificates with the corresponding accounts on the ledger. Had this comparison been made, it would seem as though there was no possible chance for error, unless the cashier should keep some of the students' accounts on a separate book, and neglect to produce it, and the corresponding vouchers, of which we see no direct evidence. It will, however, be seen, that if Dr. Douglas had habitually neglected to compare the statements of the students with the ledger, it was possible for the cashier to withhold as many of the former as he might think prudent, and to that extent retain the money he had received. At the time of the final settlement between Dr. Douglas and Dr. Rose, it was the practice for Dr. D. to read the vouchers, and Dr. Rose, in his presence, would draw a red line diagonally across the face of the corresponding stubs. These books of stubs were left in the possession of Dr. Rose; the letter 'D.' and the red line on the face of the stub being his only vouchers that he had settled his accounts. Dr. Douglas asserts that he never compared these students' vouchers with the ledger, always accepting the statements, as produced by Dr. Rose, as correct. Whatever may be thought of this mode of doing business, it affords touching evidence of the confidential relations that existed between these gentlemen. In his annual settlements with the Finance Committee of the Board, Dr. Douglas produces the students' vouchers to show what amount of money he has received from Dr. Rose, and should be held accountable for; and at the same time his bills of purchase and other evidences of expenditure in behalf of the Laboratory.

"It will now be understood that, if Dr. Rose neglected to produce, in his settlements with Dr. Douglas, vouchers representing all the money paid him by the students, or if Dr. Douglas should neglect to produce in his annual settlements with the Finance Committee, all of the vouchers in his possession for money paid him by Dr. Rose, the result would be loss to the University, and benefit to one or the other of the above named, as the case might be."

Your Committee find the whole deficiency, from the year 1864-5 to Jan. 1st, 1876, inclusive, to amount to \$5,507.43. This amount is made up of the following kinds of delinquent accounts:

First, Stub accounts having the red line and the initial "D" on the stub.

Second, Stub accounts having the initial "D" and no red line on the stub.

Third, Stub accounts having the red line, but no initial "D" on the stub.

Fourth, Stub accounts having neither the red line nor the initial "D" on the stubs.

Fifth, Stubless accounts, where the student having such stubless account had another account with a stub.

Sixth, Stubless accounts where no stub was ever made to the student on any account.

The following table will show the amount delinquent on these various kinds of accounts:

ANALYSIS OF DELINQUENT ACCOUNTS—ANN ARBOR CHEMICAL LABORATORY, JUNE 16. EXHIBIT D.

DATE.	No. of acc'ts.	Stub acc'ts with red line and initial D.	No. of acc'ts.	Stub acc'ts with initial D and no red line.	No. of acc'ts.	Stub acc'ts with neither red line nor D.	No. of acc'ts.	Stubless acc'ts where are other acc'ts with stubs.	No. of acc'ts.	Stubless acc'ts where no stubs appear to be made.	Short stated on Dr. Douglas' report.	No. of acc'ts.	Stub acc'ts with red line and no D.	Total.
1866-'67.	7	\$ 34.74					1	\$ 5.50	1	\$ 5.50				\$ 45.74
1867-'68.	12	198.35	1	36.00			3	12.20	6	34.70				281.45
1868-'69.	24	317.15					5	72.05	3	55.05				444.25
1869-'70.	24	370.20	4	71.50			5	78.65	2	20.00	30.70			571.05
1870-'71.	31	570.50	3	71.20	1	20.00	12	189.70	8	84.11				885.51
1871-'72.	27	420.75	3	109.15			14	172.35	11	78.25		1	35.00	816.10
1872-'73.	16	384.85	6	86.75			18	212.60	27	217.40	.95			962.55
1873-'74.	20	367.00	5	188.75	1	18.85	3	30.55	29	546.25				1,151.40
1874-'75.	8	75.15	11				1	10.40	1	10.00				95.55
1875-'76.	4	44.10	1	5.00					1	10.00				59.10
	170	\$2,782.99	31	\$668.35	2	\$38.85	62	\$764.00	89	\$1,091.20	\$31.65	1	\$35.00	\$5,312.70

764.00 Delinq. 1864-5, 25.00

" 1865-6, 169.72

Total stubless acc'ts, \$1,855.26 I. Freund's acc't, 28.71

\$5,536.13

From this table, it will be seen that, according to the system of keeping the accounts, there were no vouchers or certificates for the sum of \$1,855.26 of the delinquency. The method of settling between Prof. Douglas and Prof. Rose as stated by both of them, was invariably by passing over these certificates by Rose to Douglas, and at the same time paying Douglas the amount represented by them. Where there were no certificates, there could be none passed. The Committee conclude, from the above and from Prof. Rose's admission that he was responsible for the stubless account, that the above amount of \$1,855.26 is still in his hands. Again, referring to the system of accounting as practiced between Douglas and Rose, it would indicate that all sums of money appearing on stub accounts, where the stubs bore neither the red line nor the letter "D," should be charged to Rose; of these there are two accounts, amounting to \$38.85. He should also be held responsible for the stub money on any account where the stub showed the red line and not the letter "D." There is one account of this kind, amounting to \$35.00, ten dollars of which should be charged to Rose. This now leaves to be accounted for, the delinquent accounts having stubs, each with a red line and letter "D." All this money having been received in the first instance by Prof. Rose, any evidence show-



ing that Prof. Douglass accounted to the Regents for what came into his hands would, of course, fix all the balance in the hands of Rose. The method of passing money from the hands of Rose to the hands of Douglas is fully set forth by Prof. Rose in his statement to the Board of Regents at their last December meeting, and is as follows;

"At the beginning of each month, during college year or soon thereafter, the said Director called upon me, and together we looked over the amount of deposits made since last settlement, together with the amount certified to by the student upon the back of all vouchers that had been returned to me since the last settlement. The amounts so certified to were then footed, and from the amount so found was deducted the amount of deposits which the stub book showed that I had theretofore paid over to said Director, and to the remainder was added all deposits which I had received since the last preceding settlement; and from this sum was then taken all bills paid by me, if any, and all cancelled tickets, and the amount thus found to be left in my hands was then and there paid over to said Director."

In the same statement, after referring to a set of books supposed to be kept by the Director, Prof. Rose goes on to say:

"It is also apparent that the connecting link between the account kept by myself and that kept by said Director are those certain bits of paper on which enumeration and memoranda were made in the handwriting of said Director, sometimes debiting, sometimes crediting me in the same column of figures. And when this loose and clumsy reckoning was finally supposed to be adjusted, the bits of paper were destroyed or thrown aside, some of which, however, I have since found, and a copy of one I have appended, marked 'A,' and without any further special memorandum made by either person, the said Director put the money and vouchers in his pocket and carried them off."

This statement, except as to the frequency of the settlements, and other minor points, is fully corroborated by the testimony of Dr. Douglas and President Angell. Besides, many of those certain bits of paper above referred to, have been preserved, and your Committee agree with Prof. Rose as to their importance. They are indeed the "connecting link" which seems to complete the chain of evidence, and fix these delinquent balances where they belong. The whole number of these bits of paper now in the possession of the Regents is forty. It appears by the testimony of Dr. Douglas, that it was his custom, on completing the settlement with Dr. Rose, to take the slip of paper on which the amount of each certificate was set down and the additions and computations made, and wrap it around the certificates and thus carry them to his office, and when he came to make his annual report to the Regents, would return these certificates (which were his vouchers for such report), still in the wrappers, as he had brought them from the Laboratory. We find these vouchers for Dr. Douglas' report for the year 1873-4 in twelve separate packages, each package having a wrapper of thin, soft paper, on which is set down the amount of each certificate enclosed. These wrappers are evidently the "bits of paper" referred to by Dr. Rose. They are all in the handwriting of Dr. Rose, except two, one of which is in the handwriting of Dr. Douglas and one partly in that of Dr. Rose. The dates on the vouchers contained in these wrappers run through the whole year.

The delinquency for this year is \$1,151.40, being the largest amount for any one year covered by this examination. Keeping in mind the solemn statement of both the Director and his assistant as to their method of settlement—that the Director called upon the assistant, and they together “looked over the amount of the deposits made since last settlement, together with the amount certified to by the student upon the back of all vouchers that had been returned to me (Rose) since the last settlement,” that such amounts so certified to were footed up on “bits of paper,” etc., the conclusion is irresistible that all the money paid by Dr. Rose to Dr. Douglas for the said year of 1873-74 was fully accounted for to the Board of Regents, and the delinquency for that year is still in the hands of Dr. Rose.

This disposes of twelve of the forty wrappers above mentioned. The other twenty-eight have not been kept with the vouchers which they originally contained. Steward Bennet informs us that before the first Committee commenced their work of examination, these twenty-eight wrappers were in their places, as returned by the Director, enclosing the packages of vouchers corresponding with the items in each wrapper. They were detached by the Committee, and the whole vouchers for the year put in a single package. The Steward also says that he examined some of these wrappers where they still contained the corresponding vouchers, and found that the items on the the wrappers tallied with voucher in number and amounts. The Director's reports for the five years, beginning with the year 1869-70 and ending with the year 1873-74, inclusive, do not show the receipts from the Laboratory in detail. The amounts are aggregated into large items, corresponding with the footings on these wrappers, and enter on the reports as received from “sundry persons.” This enabled the Committee to readily compare these loose wrappers with the reports back of 1873-4, and we find that for these years, 1872-3, 1871-2 and 1870-1, there are complete sets of wrappers corresponding with the amounts on the reports, and for the year 1869-70, there are seven items on the report as receipts from “sundry persons,” for four of which we find the corresponding wrappers. Thus it will be seen that there are in all four years from 1870-71 to 1873-74, inclusive, in which there are complete sets of wrappers accompanying the Director's returns to the Board of Regents. These four years show delinquencies as follows:

For the year 1870-71	885 51
“ “ 1871-72	816 10
“ “ 1872-73	982 55
“ “ 1873-74	1,151 40
Making a total of	\$3,815 56

Adding to this the delinquency for the year 1869-70, where these wrappers are missing, we have an aggregate shortage, for the five years, of \$4,386.61. A tabular statement of these facts annexed to this report and marked Exhibit C will show that the reports of Prof. Douglas indicate but little difference in the receipts from year to year, for the five years mentioned. From the above, your Committee conclude that Prof. Douglas reported to the Board for these five years, all the vouchers that came into his hands from his assistant and the money represented by them, and that the balance of receipts at the Laboratory for that time, viz., the \$4,386.61, less a certain amount of deposit or stub money hereafter mentioned, was retained by Prof. Rose. If this conclusion

should be the correct one, then, even without further testimony, the presumption would be strong indeed that he had retained the balance for the other years covered by the investigation. But other facts, proven in the examination, tend to the same conclusion. It will be observed from the table of delinquencies hereto attached and marked Exhibit D, that from the time Prof. Rose entered the Laboratory, up to the time when this defalcation was first discovered, there was a steady increase of deficiency from year to year, running from \$100 in 1865-6 up to \$1,151 in 1873-4.

Prof. Rose became the cashier and book-keeper at the Laboratory in the latter part of the year 1865-'66. The examination of this Committee, as well as of the former Committees, extended back to the beginning of the year 1864-'65. In that year there is an apparent deficiency of \$25; \$20, at least, of which Prof. Douglas claims was accounted for in an item of credit of \$20.25, appearing on his report for the year 1867-'68. Accepting this explanation as the correct one (and we see no reason to doubt it), it leaves the year 1864-'65 without any deficiency, unless it be a possible one of \$5. We find that during the first six months, or thereabouts, of the year 1865-1866, the moneys were received and also kept, at the Laboratory, by one C. H. Lewis. During this time, there were no settled accounts which were delinquent, and the whole delinquency of that year appears to have occurred after Prof. Rose succeeded Lewis, which was sometime in March, 1866. From this, it appears that the delinquency in the Laboratory first commenced almost immediately on Prof. Rose's connection with it, and, as above stated, steadily increased until the year 1873-4, when it reached the highest amount of any one year. The same phenomenon will appear in the steady increase of the stubless accounts. The first year there were any accounts without stubs was 1866-7, when there were only two. In 1867-'68, there were nine (9). In 1868-'69, there were (8) eight. In 1869-'70, there were seven (7). In 1870-'71, there were twenty (20). In 1871-'72, there were twenty-five (25). In 1872-'73, there were forty-five (45). In 1873-'74, there were thirty-two (32). In 1874-'75, there were thirty-four (34). The steady increase in the whole number of the delinquent accounts from 1866-7 to 1873-4 is also noticeable, running from nine (9) in the former year to sixty-four (64) in the latter.

The attention of the Committee has been called, during the investigation, to the character of the red lines drawn on many of the stubs of the delinquent accounts, and the question has been raised, whether they are genuine or not. If the conclusion is reached, that in any one year the Director turned over to the Regents all the vouchers transferred to him for the same time by his assistant, then it would seem clear that any red line stubs on delinquent accounts for that year would be spurious. The red line on a stub says that the corresponding voucher has been turned over to Prof. Douglas. If the corresponding voucher has not been turned over to him, then the red line tells a falsehood. And here we again invite the attention of the Board to the year 1873-4, when it seems conclusive that all the vouchers received by Douglas were returned to the Regents; yet there are twenty stubs in the delinquent accounts for that year, bearing the red line and the letter "D." In the year 1872-3, when the wrappers show that we got all the vouchers surrendered by Rose, there were sixteen delinquent accounts, where the stubs bore the red line; in 1871-2, there were twenty-seven such stubs, and in 1870-1, there were thirty-one. To recapitulate, during the four years of 1870-1 to 1873-4 inclusive, the slips of paper on which the settlements were made between

Douglas and Rose (now called wrappers), show that all the vouchers passed to Douglas were by him passed to the University, yet during these years there are 91 stubs in the delinquent accounts with the red line and the letter "D" on them. From the premises reached by the Committee, viz., that these wrappers conclusively show that the Director honestly accounted to the Board for the four years named, there can be but one conclusion as to the red lines on the stubs for the same years, viz., that they are spurious. An analysis of the delinquent list made by Prof. Rose himself for the year 1874-5, leads your Committee to the conclusion that there were spurious red lines placed upon the stubs of delinquent accounts for that year.

Prof. Rose, as we are informed, made the delinquent list himself and placed it in a book, which is one of the exhibits accompanying this report. At the foot of the list is a certificate signed by him, tending strongly to show that he knew what he was doing, and knew the accounts there set down were delinquent, and he had not surrendered to the director the vouchers for the same. That delinquent list, so made by Prof. Rose, contains 37 accounts, 31 of which are stubless, and six have stubs, each with red line and letter "D." If Dr. Rose had not before that time surrendered these six accounts, why were the red lines on the stub? Again, in the certificate in the same book, at the bottom of another list of accounts, Dr. Rose certifies that he has delivered the University receipt vouchers, named in said list, excepting the receipts of Little, Pantlind, Thomas and Hubbard, which have been mislaid or lost. Now, of the four accounts represented by these four names, three are stubless accounts, and one has a stub with a red line and initial "D." How could they be mislaid or lost? According to the system of accounts and of accounting, there was but one voucher in these four accounts, and the red line is an averment that that was turned over to Dr. Douglas. The other accounts being without vouchers, it could not be said the vouchers were mislaid or lost.

There is still another subject connected with these delinquent accounts to which the committee call attention. There are a number of delinquent accounts with stubs bearing the initial "D." This indicates that Prof. Douglas received the deposit money. The amount of such deposit money unaccounted for is \$1,174.65. If these initial letters are genuine, then clearly Prof. Douglas still owes the University this amount. He claims that they, or a portion of them at least, are not genuine, and that the money they pretend to receipt for never came into his hands. In proof of this he exhibits one stub signed with the full name "Douglas" and apparently spelled "Douglas." This is found in Stub Book No. 2, on stub No. 44, second series, dated Sept. 26, 1867. This signature, Prof. Douglas says under oath, is not in his hand writing, and insists in addition that he knows how to spell his own name. He has also shown to the committee other "D's" at various places through the stub books which he claims to be forgeries. There were no expert witnesses examined on this subject, and the committee feel unable to pass upon the genuineness of these single letters, although they are all of the opinion that the word "Douglas," as mentioned above, is not in the hand writing of the Director. Prof. Douglas, to further support his allegation that these letters are not genuine, put into the hands of the committee his private books of account, purporting to show his cash receipts and cash expenditures from all sources and his annual balances. These books cover a period of about nine years last past. It is claimed that so large a sum as this stub money could

not come into his hands and remain there from year to year without showing a disturbance in his balances. The committee found these books to show the receipt and disbursement of large sums of money, coming from various sources. There was an annual balance of the books, but only in two instances during such period of nine years did the balancing show anything wrong. On the balance sheet taken off in December, 1868, it appears that the professor found himself in possession of about \$99 more than he was able to account for, and again in December, 1870, the sum of \$28.03. These he had minuted to be accounted for when found. The testimony of Prof. Douglas shows that it was his custom each January to get from Prof. Rose a statement of the stub money in his (Douglas') hands, for the purpose of settling and balancing his own private books. He kept but one bank account, and as this money, what ever there might be of it, would be part of his bank balance, it would be necessary to know the amount and deduct it in order to ascertain his true bank balance and properly adjust his own books.

According to Prof. Douglas' custom of doing business with the Board of Regents and with Prof. Rose, there were three ways in which he finally disposed of this stub money which came into his hands. First, in case the student making the deposit failed to get a table in the Laboratory, or for any other reason did not enter upon his work there, his deposit or stub money was withdrawn, and the stub crossed with the black line and marked "cancelled." Second, if a student left the Laboratory without settling, and it became evident that he would not return or adjust his account, then the stub to his account was marked "forfeited," and the Director accounted for his stub money as a forfeiture, the report showing hundreds of dollars so accounted for. Third, if the student continued his work, and finally settled his account, his receipt was taken up by Rose, as heretofore explained, and turned over by him to Douglas, and Douglas, in settling with the Board, accounted for the amount on the back of the receipt, which always included the stub money or original deposit. It will now be seen that if the assistant suppressed these receipts, or in any way failed to turn them over to the Director, there would be nothing to call his attention to the fact that the stub money still remained in his hands except the condition of his own cash account. In view of the fact that his cash account only shows the discrepancy above named, and from the appearance of the stubs the alleged forgery of the word "Douglas" on one of them, and the evidence tending to show that the red line in some instances was wrongfully placed on the stub, Prof. Douglas urges that he should not be charged with the whole amount of the deposit money in these delinquent accounts.

Your committee believe that a portion, at least, of this stub money is in the hands of Prof. Douglas. We have found no reason to believe that he has wrongfully kept it. While we recognize the force of his argument concerning the same, we are quite unable to determine how much, if any, should be charged back to Prof. Rose. To determine that would be to determine how many, if any, of the "D's" were forgeries. This we are unable to do. Had the Director used proper diligence and care in his settlements with his assistant, the defalcation would long since have been detected and the University saved from loss. The fact that we are unable, from any evidence before us, to say what portion of this stub money is in his hands, and from the further fact of his negligence as above stated, we deem it but just to

the University that he should be held responsible in the first instance for all the delinquent stub money, except that of the stub bearing the word "Douglas."

A charge was made before the Board of Regents, at a late meeting, that Dr. Douglas had received commissions for chemicals and apparatus purchased in New York city of the houses of Rohrbeck & Goebler and Benjamin for use in the Laboratory. Your committee find that the chemicals and apparatus used in the Laboratory have nearly always been purchased of these two houses. The affidavits of Mr. Goebler and of Mr. Benjamin were produced to the committee on this point, also the testimony of Dr. Douglas and that of Regent Clunie, who had been to New York and investigated this matter. Dr. Douglas also submitted his correspondence with these gentlemen, and the drafts drawn by him in payment for the goods purchased, which correspondence and drafts are herewith returned. Your committee conclude that there is no foundation in fact for this charge; that no commissions were received by Douglas, and that the University received the full benefit of all discounts obtained from these gentlemen in the purchase of material for the Laboratory.

A charge was also made that Douglas had charged students excessive prices for chemicals and apparatus. By section 4, chapter 8 of the By-Laws of the University, adopted Feb. 16, 1864, it is provided that students shall be furnished with apparatus and chemicals at cost price, or according to the price list of a New York dealer, and that the amount so received shall constitute a fund in the hands of the Professor of Chemistry for the purchase of apparatus, which amount shall be properly accounted for at the close of the year. The testimony shows that Douglas instructed Rose to charge the students the catalogue price of the New York dealers, adding the premium on gold, and 10 per cent. to cover freight, breakage and wastage; that Rose had charge of fixing and marking the price of chemicals, etc., under these instructions; that printed catalogues of the prices of the two houses above referred to have been constantly kept in the Laboratory, and open to the inspection of Rose and the students; and that after Rose was suspended in December last, Dr. Douglas went through the Laboratory and marked the price of chemicals, and, in some instances, reduced the price which had before been charged.

A charge has also been made before the Board that Dr. Douglas had purchased an instrument in London for the sum of \$1,168.07 without warrant or authority from the Board of Regents, and that considerable money had been spent on this instrument without warrant. By the By-Laws above referred to Dr. Douglas was authorized to purchase apparatus and chemicals. All the income in the Laboratory derived from the sale of chemicals, etc., to the students has been, ever since the organization of the Laboratory, expended under the direction of Dr. Douglas in the purchase of apparatus and material for the same, and by this means chiefly the University has become possessed of one of the best equipped laboratories in the United States. Dr. Douglas has annually accounted to the Board for such expenditures. He purchased this instrument of W. W. Ladd & Co., of London, in the same manner and under the same authority as he has purchased other apparatus, and accounted for it to the Board in his annual report for the year 1873-4. The testimony taken discloses the fact that the instrument did not come up to

the expectations and representations of Messrs. Ladd & Co., some parts of it broke when first used, and the broken part was returned to them for repairs. It was repaired and again returned to the Laboratory, where it now is. Still the instrument did not do what was represented, and Dr. Douglas made exertions to have Ladd & Co. take it back. They declined to do this, and Dr. Douglas opened correspondence with parties in London, who had several interviews with Ladd & Co. in regard to the matter, and finally, rather than have a lawsuit, the matter was dropped. The instrument is still in the Laboratory, and does fair work, though not what was expected of it. The correspondence in regard to the matter was laid before the committee, and is herewith returned. We cannot see that Dr. Douglas deserves any censure for this transaction.

It has also been charged that Dr. Douglas unjustly or improperly received certain commissions, for superintending additions to the Laboratory and putting in permanent apparatus in 1868, which commissions amount in the aggregate to \$488; and also commissions for superintending the putting in of steam heating apparatus in 1869, amounting to \$741.29. Dr. Douglas claims that these commissions were allowed him by a previous agreement with the Board, through its proper committee. By referring to the report of the committee authorized to put in the steam heating apparatus, which report is on file in the Secretary's office, it will be seen that the committee invited bids, and that the lowest bid obtained was \$14,000. The committee thought it could be done cheaper, and it was put under the charge of Dr. Douglas at a total cost of \$10,077.48 including said commission. All these commissions were promptly reported to the then Board of Regents and allowed. In view of the fact that this work was done chiefly during the summer vacation when every professor's time is his own, and the further fact that these commissions were passed upon and settled by the Board under whose supervision the work was done, we see no justice in going back seven or eight years and setting aside such settlement.

On the sixth day of their investigation, an affidavit purporting to have been made by William Lewitt, of San Francisco, was placed in the hands of the committee, which affidavit is herewith returned. Said Lewitt was Demonstrator of Anatomy in the Medical Department for several years. He says in his affidavit that he was instructed by Douglas, then the Dean of the Medical Faculty, to retain in his hands any surplus money that he (Lewitt) might have, and not report the same to the Board, but expend it as the Medical Faculty might from time to time direct. Dr. Lewitt annually presented to the Board his report, showing an itemized account of receipts and expenditures in the anatomical department, which reports are now on file in the Secretary's office. In his final report to the Board, said Lewitt gives a full statement of his disbursements during his term of service, and in his report says that, by the advice of some of the members of the Medical Faculty, he held such surplus and expended it for necessary purposes as the Faculty saw fit for the benefit of the college. Dr. Lewitt further says in his affidavit, that Dr. Douglas said to him that he (Douglas) "kept back and retained in his possession and under his control over \$1,000, as a secret fund, and that the said Douglas did not report said sum to said Regents, nor did they know anything of the same, or of such retention; and the reason given by said Douglas for such retention and such neglect to report, was that he could not run his department if he was compelled

to go to the Regents for what he wanted." We find that Douglas did not receive any money from the Medical Department, and had no control over any funds in connection with it. This secret fund, if it existed, did not then come from any funds received in the Medical Department. The only other source from which it could come is from the Laboratory, but the history of the management in the Laboratory shows that no occasion existed for any such fund there, as all the moneys received were expended there. Dr. Douglas swears that no conversation in regard to a secret fund ever took place with Dr. Lewitt, and that no such thing ever existed. The testimony taken upon this point discloses other circumstances tending to throw discredit upon this affidavit. The facts above stated seem to your committee to form a complete answer to it.

The attention of your committee was called to a charge contained in a newspaper published in Washtenaw county that Dr. Douglas had let a contract for digging a ditch at twice the cost charged for digging another on the University grounds. The facts about this are these: Dr. Douglas and Secretary Bennett, with Regent Climie, were appointed a committee to superintend the putting in of water works now in operation. Bids were solicited from various parties for digging both the said ditches, and in both cases the work was let to the lowest bidder, and in the opinion of your committee at very reasonable rates. Both contracts were made by Secretary Bennett, and were paid for by him. Dr. Douglas had nothing to do with the contract for digging the ditch, for which the highest price was charged, except to assent to the contract. The whole transaction is fully set forth in the testimony of Secretary Bennett and Dr. Douglas.

These matters have no direct bearing upon the deficiencies in the Laboratory, but inasmuch as the attention of the committee was called to them, and inasmuch as corruption, dishonesty, and fair dealing or falsehood in any transaction would affect the credibility to be given to testimony produced in regard to the Laboratory defalcation, and involve the fitness of Dr. Douglas to fill a responsible position in the University, your committee deemed it their duty to give them a searching and thorough investigation.

The question of interest charged by Douglas in the University is also raised in this connection. Unless the amount of the deficiencies was received by him, then we think that the items of interest were correct and properly charged to the University, and that their allowance by the Board in former reports was correct.

There are many other facts and circumstances in connection with this matter, disclosed by the evidence, which throw at least some light upon it, and to which your committee now call attention.

1st, That Dr. Douglas received from Rose only the vouchers and the memoranda of figures made at the time of settlement, and that he kept a book of his own containing his accounts with the Laboratory, in which he testifies that he at the time of reception entered the amounts received from Rose, sometimes entering the names of the students and the amounts received from each, and at other times entering only the aggregate amount received. The annual reports of Dr. Douglas correspond substantially with the entries made in this book. This book is now in possession of the Board.

2nd, That after Rose had settled with Douglas for the year 1874-5, Dr. Douglas discovered the names of four students which did not appear in the



lists turned over to him by Rose. That upon making this discovery, he went to the Laboratory, took down the ledger, and commenced to examine it; that Dr. Rose stepped up immediately, and asked him what he wanted; that Douglas then showed him the four names, and asked him if he had not made a mistake; that Rose told him he had, and gave him a due bill for the amount; that afterwards on different occasions, Dr. Douglas submitted other names to Rose, and asked him if he had not made a mistake in not reporting them, and that as fast as these names were submitted, Rose admitted that he had not paid or accounted for them to Douglas.

3d. That Rose, after Douglas began to submit these names to him, voluntarily said to Douglas that he had a list of the names and amounts turned over to Douglas for 1874-5, and that he would furnish the same to Douglas; that said Rose did so, and placed the said list in the book herewith returned and adding thereto his certificate, stating that he had that day delivered the University receipt vouchers named in the list excepting four which had been mislaid or lost, said vouchers covering the receipts of the Laboratory from October 28th, 1874, to June 3th, 1875, to S. H. Douglas as Director; that said list contained the names of five students whose accounts had not been paid to the University, and Douglas swears that the vouchers did not reach him, and that Rose afterwards paid him.

4th, That after Douglas had submitted several lists of the names which Rose admitted he had not paid, Rose said he had a list of the names and amounts which he had not paid over or accounted for to Dr. Douglas for the year 1874-5, and that he would furnish such a list; that he did make out such a list in the book above referred to, and attached his certificate thereto, stating that said list embraced all the receipts of the Laboratory, not heretofore rendered, for the time embraced between July 1st, 1874, to October 1st, 1875; that such list amounted to the sum of \$584, and contained thirty-seven names; that of such list, 32 had no stubs, and that five had stubs marked with the red line and the letter "D."

5th, That on or about the 8th day of Nov., 1875, before the Executive Committee had been called together, Rose paid over to Dr. Douglas the sum of about \$645, as an admitted deficiency for the year 1874-5.

6th, That Rose said, during the first investigation, that he (Rose) was responsible for all the accounts where there were no stubs.

7th, That Rose, before any charge had been made against him, and while all the delinquencies up to that time had been treated as mistakes, said to Prof. Prescott, with whom he was talking about the deficiency, "I had rather be under the rod."

8th, That in many instances the delinquent accounts were settled with the students on the same day that the other accounts were settled and paid to Dr. Rose, and which he paid over to Douglas.

9th, That in several instances, when the stubs were marked cancelled, showing that the deposit money had been paid back to the students, the students had accounts at the same time and settled them, as for instance in the year 1873-4, the accounts of Cady and Avery.

10th, That in several instances, Dr. Douglas had received from these New York houses commissions for purchases made by other institutions in the State, on the recommendation of Dr. Douglas, and then the amounts of these commissions have been credited by Dr. Douglas to the University.

We cannot do justice to the whole case without here alluding to the conduct of Prof. Douglas and of Prof. Rose, since the discovery of the defalcation. Dr. Douglas has furnished every facility in his power for a full and thorough examination, always, so far as we know, being ready and willing to aid by counsel or labor. Apparently, he has kept nothing back. The search of the Committee through his official reports and papers and his private books, has strongly impressed them that in his business relations with the University and with others, his purpose has been one of honesty and integrity. By reference to the records, it will be seen that Prof. Rose has refused to come before or assist any of the Committees appointed to investigate this matter. He has persistently and determinedly kept in the dark whatever knowledge he might have concerning it. In conversation with Professor Prescott and Regents Walker and McGowan, he exhibited trepidation and feeling, that seemed to imply guilty knowledge. Being refused permission by President Angell to carry away a delinquent list on which he had made a certificate, he exhibited an excitement and violence inconsistent with an innocent purpose. In a word, his whole conduct has not been in keeping with any theory of honest purpose and fair dealing.

After a careful review of the whole case as the same has reached us, your Committee recommend that Assistant Prof. P. B. Rose be dismissed from the employ of the Regents, and the Executive Committee be instructed to take such measures for re-imbursing the University as they shall deem expedient.

All of which is most respectfully submitted.

JONAS H. MCGOWAN,  
C. B. GRANT,  
J. ESTABROOK.

At the conclusion of the reading of the Report by Regent McGowan, Regent E. C. Walker moved that the Report be accepted, and that it be laid upon the table for the present. The motion prevailed.

On motion of Regent Walker, the Board adjourned to 2½ o'clock P. M.

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UNIVERSITY OF MICHIGAN,  
Monday, June 19th, 1876. }

The Board of Regents reassembled in Room A, at 2½ P. M.

Present, the President; Regents Estabrook, McGowan, Grant, E. C. Walker, Climie, and S. S. Walker.

Regent Climie submitted the following resolution :

*Resolved*, That Professor P. B. Rose be allowed to appear before the Board of Regents, and make defense in the case now pending: Provided, that all oral testimony shall be under oath.

Pending the discussion of Regent Climie's resolution, Regent E. C. Walker submitted the following preamble and resolu-

tion, as a substitute for the resolution presented by Regent Climie, and they were adopted :

*WHEREAS*, Three committees of this Board have examined and reported upon the accounts of the Chemical Laboratory ; and whereas, Professor P. B. Rose has twice declined to appear before the duly authorized committees of this Board ; therefore,

*Resolved*, That it is not expedient that this Board should again enter into the details of said accounts, but that Professor P. B. Rose himself may be now examined under oath, by his counsel, and the counsel of Professor S. H. Douglas, and by the Board itself.

The attorney of Prof. Rose (Mr. A. J. Sawyer) being present, declined to accept the proposal to go into the investigation as contemplated by Regent Walker's resolution.

On motion of Regent E. C. Walker, the report of the Special Committee appointed to "continue and complete the investigation of the Chemical Laboratory accounts," was taken from the table, and, after a full and free discussion of the same, it was adopted on a call vote, as follows :

*Ayes*—Regents Estabrook, McGowan, Grant, E. C. Walker, and S. S. Walker.

*Nay*—Regent Climie.

The following resolution was submitted by Regent Grant, and adopted :

*Resolved*, That the Executive Committee be and are hereby instructed to take immediate steps for commencing a suit against Preston B. Rose, to recover from him the amount of money claimed to be in his hands and to belong to the University, and to proceed to a trial or hearing of the same at the earliest practicable moment, at the present June term of Court, if possible.

*Resolved, further*, That said Committee be and are hereby instructed to deed back to Prof. P. B. Rose the house and lot heretofore deeded to J. W. Knight in trust for the University, upon his filing with said Committee a bond, with two sureties, to be approved by said Committee, conditioned to pay any judgment or decree that may be recovered against him in said suit.

On motion of Regent Grant, the Board adjourned to 7 o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Monday, June 19th, 1876. }

The Board re-assembled in Room A, at 7½ o'clock P. M.

Present, the President ; Regents McGowan, Grant, Rynd, E. C. Walker, Climie, and S. S. Walker.

Regent S. S. Walker submitted the following resolution, which was unanimously adopted :

*Resolved*, That on and after July 1, 1876, the Treasurer of the University be and hereby is constituted the only disbursing officer of the University, and that he is hereby authorized to pay any or all claims against the University, on the proper certificate of the Secretary, and when purchases are made by other parties authorized to do so, he shall pay for them also, and the bills for said purchases shall be receipted in duplicate, charging the same to the proper accounts.

The following preamble and resolution were submitted by Regent Rynd:

WHEREAS, The Board of Regents have this day, by vote, expelled Preston B. Rose for alleged retention of University funds in his hands, to the amount of \$4,332.65; and

WHEREAS, It appears from the report of the Committee that there is also in the hands of Silas H. Douglas funds to a considerable amount—to wit, \$1,174.65—which belong to the University, and that portions of the total amount in the hands of said Douglas have been retained by said Douglas for several years past; and

WHEREAS, FURTHER, It is evident that he has been recreant to the trust reposed in him, in that he has, by his own confession, habitually neglected to examine the accounts of the Laboratory; therefore,

*Resolved*, That Silas H. Douglas be and is hereby dismissed from service in the University.

At the close of a somewhat lengthy discussion of the resolution, an aye and nay vote was ordered, and the result was as follows:

*Aye*—Regents Rynd and Climie.

*Nay*—Regents McGowan, Grant, E. C. Walker, and S. S. Walker.

The resolution of Regent Rynd was lost.

Regent E. C. Walker submitted the following resolution, which was adopted:

*Resolved*, That the Finance Committee, in settling the amount due Prof. Douglas from the University, (Prof. Douglas having consented thereto,) charge him with the amount of the deposit money reported due from him in the report of the Committee made this day, subject to correction by any future legal decision as to the genuineness of his INITIAL vouchers—this action not to affect any other question growing out of Laboratory accounts.

The following appropriations were made, on recommendation of the Finance Committee, to be drawn as needed:

For Alterations and Repairs.....	\$ 500 00
“ Insurance.....	500 00
“ Postage.....	200 00
“ Improvement of Grounds.....	400 00
“ General Library.....	500 00
“ Medical Library.....	200 00
“ Law Library.....	200 00
“ Fuel and Lights.....	3,500 00
“ Contingent Expenses.....	1,500 00
“ Regents' Expenses.....	244 11

The vote was as follows :

*Aye*—Regents McGowan, Grant, Rynd, E. C. Walker, Climie, and S. S. Walker.

The following resolution was submitted by Regent S. S. Walker :

*Resolved*, That the sum of One Hundred Dollars be and hereby is appropriated for the purchase of surgical instruments for the Medical Department of the University.

*Aye*—Regents McGowan, Grant, Rynd, E. C. Walker, Climie, and S. S. Walker.

On motion of Regent S. S. Walker, the Board went into executive session, and having spent some time therein, the business of an open session was resumed.

The following resolution was submitted by Regent Rynd, and adopted :

*Resolved*, That the sum of \$200 per annum be paid to the Dean of the Homœopathic Medical College, for salary as such officer.

*Aye*—Regents McGowan, Grant, Rynd, E. C. Walker, Climie, and S. S. Walker.

Regent Rynd also presented the following resolution :

*Resolved*, That the Executive Committee be and are hereby directed to consult the Homœopathic Professors—Drs. Jones and Morgan—in reference to the appointment of two Lecturers, who shall be paid each for one-half term service the sum of \$600, and that said Executive Committee be empowered to appoint such Lecturers, on the united request of the Homœopathic Professors.

The resolution was adopted, by the following vote :

*Aye*—Regents McGowan, Grant, Rynd, E. C. Walker, Climie, and S. S. Walker.

The resignation of Hon. C. I. Walker, Kent Professor of Law, was presented and accepted, and Hon. William P. Wells, of Detroit, appointed to fill the vacancy, by the following vote :

*Aye*—Regents McGowan, Grant, Rynd, E. C. Walker, Climie, and S. S. Walker.

Regent Rynd submitted the following resolution :

*Resolved*, That the Homœopathic Medical Faculty be and are hereby required to make all the final examinations of students in the Homœopathic Medical College, and that the report of such final examinations be made by such Faculty, through the President, to the Board of Regents.

It was moved that the resolution be laid on the table for the present; which motion prevailed.

The following resolution was submitted by Regent Grant, and unanimously adopted :

*Resolved*, That we accept with great regret the resignation of Hon. C. I. Walker, as Kent Professor of Law; that the thanks of the Board be and the same are hereby tendered to him, for his valuable services in the Law Department, from its organization; and that as he leaves us, we extend to him our kindest wishes for his future welfare and success.

Regent E. C. Walker submitted the following resolution, which was adopted :

*Resolved*, That the resolution passed by the Board of Regents at their late December meeting, permitting Professor Rose to make copies of the records of the Board, be and the same is hereby rescinded and made void.

Regent Grant submitted the following resolution :

*Resolved*, That the Committee on the Chemical and Pharmaceutical Department, together with the President of this Board, be and are hereby authorized to fill the vacancy caused by the removal of Dr. P. B. Rose.

The resolution was adopted.

Regent S. S. Walker submitted the following resolution, which was also adopted :

*Resolved*, That the Committee on Buildings and Grounds be and are hereby authorized to arrange for the sale of such portion of the surplus supply of water as it may be desirable to dispose of, without involving the University in any expense; and that the Committee so arrange as to continue or withhold the supply entirely, according to the judgment of the officers of the University.

On motion, the Board adjourned.

H. D. BENNETT,

SECRETARY.



# APPENDIX.

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## DEGREES CONFERRED AT COMMENCEMENT, JUNE, 1876.

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### PHARMACEUTICAL CHEMIST.

Samuel E. Allen,  
Joseph Henry Ames,  
Lyman F. Beach,  
Francis Thomas Bower,  
James Neelands Buckham,  
Charles Silvers Burroughs,  
Orrin Landsford Churchill,  
John Thaddeus Clark,  
Jeremiah Coughlin,  
Charles Wallace L. Dietrich,  
Charles Austin Dingley,  
Charles Hulbert Eddy,  
Louis C. Fuller,  
Morris Udeen Green,  
Charles Grimwood,  
George Gundrum,

William John Holloway,  
Henry Fennell James,  
John Robbins Little,  
James Lynn,  
Frank William Herbert Massey,  
James William Morgan,  
Herny Betts Parsons,  
Joseph John Pierron,  
Edward Judson Risser,  
Herman Merton Roys, B.S.,  
William Clarence Sheffield,  
Stewart Whedon Smith, B.A.,  
Thomas Martin Stewart,  
Catharine M. Watson,  
Walter John Whitlark.

### CIVIL ENGINEER.

Dewitt Clinton Allen,  
James Oscar Caldwell,  
Frank P. Davis, M.S.,  
Lewis Cass Donaldson,  
Charles Alfred Marshall,  
Joseph Ripley.

John Dana Sanders,  
John Martin Schaeberle,  
Jonathan C. Shepard,  
Lester Herbert Strawn,  
Alonzo J. Tullock.

### BACHELOR OF SCIENCE.

Ida M. Bellis,  
Ben Taylor Cable,  
Burton Byron Campbell,  
George Clithero,  
Charles Conner,  
Edward Donovan,  
John Charles Floyd,

James Hoyt McFarlan,  
Josiah Benjamin Newton,  
Albert Chesterfield Pearson,  
Louisa Maria Reed,  
William Jay Warner,  
James Anderson Watterson,  
Charles Williams Wooldridge.



## BACHELOR OF PHILOSOPHY.

Philip Riley Boone,  
Henry Monroe Campbell,  
Willis G. Campbell,  
Annie Warden Ekin,  
Helen Marie Farrand,  
Fred Lee Forman,  
Vine Colby Foster,

Edward Alonzo Gott,  
Abram Sager Hall,  
Henry Sheldon Harris,  
Gertrude Helen Mason,  
David Adolphus Sawdey,  
Edward Cassius Swift.

## BACHELOR OF ARTS.

Henry Wilkins Alexander,  
Lucy Caroline Andrews,  
George Baker,  
Edmund Drinan Barry,  
Charles A. Blair,  
Clarence Shepard Brown,  
William Wadsworth Burt,  
Albert Melvin Cooper,  
Archibald Lamont Daniels,  
Anson Peter De Wolf,  
William Henry Dopp,  
William Pitt Durfee,  
Bessie Eaglesfield,  
Frank Lawrence Felch,  
Alice Elvira Freeman,  
Fred Keys Gustin,  
Dennie J. Higley,  
James Keeler Ilsley,  
James Henry McDonald,

Charles William Howard Potter,  
Edward Hitchcock Ranney,  
John Henry Reynolds,  
Ben Sefley,  
Lucy Maynard Salmon,  
Frank D. Shaver,  
Howard Burnham Smith,  
Louis Crandall Stanley,  
Joseph Hall Steere,  
Emma Sophia Stockbridge,  
Charles Lee Van Pelt,  
Charles B. Van Slyke,  
Orlaf Varlo,  
Albert Jacob Volland,  
Bryant Walker,  
Willis Shotwell Walker,  
Thomas Rawlins Wilcoxson,  
Mary Alice Williams,  
Robert Justice Young.

## MASTER OF SCIENCE [ON EXAMINATION].

Caroline Irene Hubbard, 1875.

## DOCTOR OF PHILOSOPHY [ON EXAMINATION].

William Henry Smith, M.A.,

Clarence Victor Vaughn, M.S. ✓

## MASTER OF ARTS [IN COURSE].

George W. Allyn, 1872,  
Marcus Baker, 1870,  
Austin Barber, 1872,  
Levi L. Barbour, 1868,  
James Knox Blish, 1866,  
Wilbur Buzzell, 1873,  
William Mathews Carrier, 1873,  
Samuel Chapel, 1857,  
Thomas Chalmers Christy, 1870,  
Charles Edgar Conley, 1871,  
Henry W. Fairbank, 1873,  
Herschel Robert Gass, 1873,  
Marshall Thomas Gass, 1873,  
Henry Marsh Haakell, 1873,  
Loyal Edwin Knappen, 1873,  
Charles Kellogg Latham, 1871,

William H. McKee, 1872,  
James Herbert Maguire, 1872,  
Samuel George Milner, 1872,  
Addison Moffat, 1872,  
Henry Otis Perley, 1873,  
Sherwood R. Peabody, 1873,  
George Frank Robison, 1873,  
Harry Russell, 1873,  
William James Stuart, 1868,  
Ernest Taylor Tappey, 1873,  
Thomas Chalmers Taylor, 1866,  
Oliver S. Vreeland, 1868,  
William Brown Williams, 1873,  
Theodore B. Wilson, 1872,  
Roland Woodhams, 1872.

## MASTER OF SCIENCE [IN COURSE].

Salem Town Chapin, 1866,  
 John Monroe Darnell, 1867,  
 James Du Shane, 1869,  
 Joseph Marvin Lewis, 1873,

William Henry Hinman, 1872,  
 Frank Henry Lyman, 1863,  
 James William Yule, 1873.

## MASTER OF PHILOSOPHY [IN COURSE].

Samuel T. Douglas, 1873,  
 James Riddle Goffe, 1873,  
 Marshall Key Ross, 1873,

Herbert Dwight Peters, 1873,  
 L. Burrie Swift, 1870,  
 Cyrus O. Tower, 1873.

## DOCTOR OF MEDICINE.

Elbert Eugene Barnum,  
 Reed Burns,  
 Daniel O'Donovan,  
 John Maynard Emery,  
 Daniel Howard Gregory,  
 Horace William Hammond,  
 Leonora A. Howard,  
 Charles Edwin Luscomb,

Peter McGregor,  
 William M. E. Mellen,  
 Joseph Gillespie Millspaugh,  
 Joseph J. Moore,  
 Thomas P. Oven,  
 Abby Pease,  
 Sylvia M. Ward,  
 Homer Harvey White.

## DOCTOR OF DENTAL SURGERY.

Arthur Carleton Beecher,  
 George Julian Carter,

George Esbon Wright,  
 Ulrich Duehr.







## OCTOBER MEETING.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, October 17th, 1876. }

The Board of Regents assembled in the room of the President, at 10 o'clock A. M.

Present: The President: Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

The meeting was called to order by the President, and opened by reading of the scriptures and prayer.

On motion of Regent Rynd, the minutes of the last meeting were approved as printed.

The annual report of the President was submitted, and by request of the Board was read by him, Regent Climie in the chair.

The following is the President's report:

### PRESIDENT'S ANNUAL REPORT.

#### *To the Honorable Board of Regents:*

I offer you my Report for the University year which ended June 30, 1876.

The changes in our Faculties have been as follows:

John W. Langley, B. S., was in August, 1875, appointed by the Executive Committee, Acting Professor of General Chemistry and Physics, and in June, 1876, was promoted by the Board of Regents to the full Professorship. In March, 1876, J. B. Steere, Ph. D., was elected Assistant Professor of Paleontology. Preston B. Rose, M. A., M. D., Instructor in the Chemical Laboratory, was in October, 1875, made Assistant Professor of Physiological Chemistry, was suspended in December, restored to his work in March, 1876, and was dismissed from his office in June last. In June, 1876, H. B. Hutchins, Ph. B., Assistant Professor of History and Rhetoric, resigned his chair and Isaac N. Demmon, M. A., was chosen to succeed him. In August,

1875, John J. Mapel, M. A., was appointed Instructor in German and French for one year, during the absence of Instructor Hennequin in Europe. Samuel T. Douglas, Ph. B., Ph. C., was in June, 1875, appointed Assistant in the Chemical Laboratory. In August, 1875, Abram V. E. Young, Ph. B., Ph. C., was appointed Assistant in Chemistry and Physics. In December, 1875, V. C. Vaughan, M. S., and Kate Crane, Ph. C., were appointed Assistants (for temporary service) in the Chemical Laboratory. In June, 1876, Mr. Vaughan received a permanent appointment to the same post which he had occupied temporarily. In June, 1876, M. W. Harrington, M. A., Assistant Professor in charge of Zoölogy and Botany, received permission to be absent in Europe for two years, and Volney M. Spalding, M. A., was appointed Instructor in those branches.

The continued illness of Dr. Henry S. Cheever constrained him to resign in April last, the chair of Physiology and Materia Medica, which he had so ably filled for several years. Prof. 12/ Frothingham is henceforth to give the instruction in Materia Medica, and the title of his Professorship has accordingly been modified.

W. L. B. Jenney, C. E., was, in March last, appointed to the chair of Architecture and Design.

In July the Executive Committee, who at the June meeting of the Board were charged with the duty of appointing two Lecturers in the Homœopathic Medical College for one year, selected F. A. Rockwith, M. D., as Lecturer on Obstetrical Therapeutics, and J. C. Gilchrist as Lecturer on Surgical Therapeutics.

The same Committee have also selected Prof. Burt C. Wilder, M. D., as Lecturer on Physiology for one course in the Department of Medicine and Surgery.

The instruction in Mineralogy and Geology has been given during the year by Prof. Pettee.

The whole number of persons on our Faculty roll was fifty-three. Three were not on duty here.

The total number of students in the University last year was 1,127, distributed as follows:

*Department of Literature, Science, and the Arts.*

RESIDENT GRADUATES .....	15
SENIORS.....	60
JUNIORS.....	73
SOPHOMORES.....	87
FRESHMEN.....	119
IN SELECTED STUDIES.....	19
IN PHARMACY.....	79
Total.....	457

## THE POLYTECHNIC SCHOOL contains—

From the above Department.....	149
From the Department of Medicine and Surgery...	2

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Total..... 151

*Department of Law.*

SENIORS.....	157
JUNIORS.....	164
	321

*Department of Medicine and Surgery.*

STUDENTS—Total.....	312
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*Dental College.*

STUDENTS—Total.....	20
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*Homœopathic Medical College.*

STUDENTS—Total.....	24
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1,129

Deduct names twice counted.....	2
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Total in the University.....1,127

Just one-half of all the students this year were from Michigan, which is a larger proportion than usual. Thirty-four of our States and Territories. and Ontario (Canada) and Japan, have furnished us students. Illinois sent us 98, Ohio 85, New York 75, Pennsylvania 47, Indiana 46, Wisconsin 36, Iowa 20, Minnesota 20, Missouri 15, Kentucky 10, California 10. From New England, every State being represented, we had 14. From the Middle States, New York, Pennsylvania, New Jersey, Dela-



ware, we had 129. Seven of the Southern States were represented in the classes. When we consider the financial embarrassments of our people, and remember how professional schools have been multiplying, the attendance upon the University must be considered satisfactory.

The number of women in attendance during the past year is 101, distributed as follows: in the Department of Medicine and Surgery, 37; in the Law Department, 2; in the Homœopathic Medical College, 2; in the Department of Literature, Science, and the Arts, 60. Of these last there were in the Senior Class 11; in the Junior Class 11; in the Sophomore Class 15; in the Freshman Class 16; in Select studies 3; in Pharmacy 3. The experience of this last year confirms the opinion we have been led to form by the experience of previous years, that women who come here in good health are able to complete our collegiate or professional courses of study without detriment to their health. It is worthy of note that the number of women in the University has varied very little during the last three years. This fact may indicate that we are not to expect at present any further rapid increase in the proportion of women to men in the University. The great majority of women will for the present probably seek at least their collegiate education in schools and colleges established for their sex alone. But we may well believe that the opening of this University and of other colleges to students of both sexes, has furnished a healthful and powerful stimulus to those Institutions to improve the quality and widen the range of their work.

The following is the number of degrees conferred:

Pharmaceutical Chemist.....	31
Civil Engineer.....	11
Bachelor of Science.....	14
Bachelor of Philosophy.....	13
Bachelor of Arts.....	38
Master of Science (on examination).....	1
Doctor of Philosophy (on examination).....	2
Master of Arts (in course).....	31
Master of Science (in course).....	7
Master of Philosophy (in course).....	6

Doctor of Medicine.....	93
Bachelor of Laws.....	159
Doctor of Dental Surgery.....	4
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Total.....	410

The degree of Doctor of Philosophy was for the first time conferred on examination. This degree, which is bestowed only on candidates, who have pursued extended post-graduate courses, and sustained most rigorous examinations is sought by some of our most aspiring and energetic graduates. After this year degrees in course will not be given. Every degree bestowed will then have a real significance.

The plan of receiving students from certain approved High Schools on diploma and without examination by us has worked so satisfactorily that the Faculty have deemed it prudent and wise to offer to receive students on diploma from a class of High Schools whose graduates have heretofore been admitted by us only on examination. We have, until this year, declined to approve any school which was not so organized and equipped as to be able to prepare students simultaneously for all our undergraduate courses of study. But we now propose to approve any good High School, which can show that it is thoroughly preparing students for any one of our classes. It seems better that a school should be encouraged to train students well in one or two courses than by undertaking more than it can do successfully to fail in doing any of its work well. And there seems no reason why a school which can prepare its pupils satisfactorily for our Scientific and Engineering courses alone should not be recognized by us as competent to do that particular work. It is thought that this modification of our plan will be helpful to many schools, acceptable to the public, and not injurious to the University.

We received last year on diploma : From Ann Arbor, 44 ; Detroit, 3 ; Coldwater, 1 ; Pontiac, 3 ; Flint, 1 ; Battle Creek, 2 ; State Normal School, 1 ; Fenton, 4 ; total, 59.

I think I have not known since my connection with the University so satisfactory a year's work in the undergraduate depart-

ment. There has been hardly an occasion for the slightest disciplinary action. The students as a body have addressed themselves to their duties with marked assiduity. Another year's experience confirms the impression indicated in my last report that the liberty in the choice of studies in the Senior year now left to the students has greatly increased the value and amount of work accomplished in that year. To a limited extent elections of studies have been opened in the Junior and Sophomore years. We are constantly making progress in the application of laboratory methods of instruction in botany and biology. Admirable work has been accomplished in these studies. It is hard to be patient under the delay to which the scantiness of our means forces us, in equipping our physical laboratory. If physics are to be adequately taught to advanced students, if they are to be taught as chemistry, botany and biology are now taught, we must furnish ourselves with apparatus for our physical laboratory. We are in danger of falling behind most of the better institutions of the country in this regard.

Prof. Watson returned from his journey to China in time to resume his labors at the beginning of the academic year. Within the past twelve months he has discovered three more asteroids, making twenty in all, which are credited to him. It is much to be regretted that an Observatory, at which so much work is done, giving a wide reputation to the University and making most valuable contributions to science, is not provided with an adequate fund for the payment of assistants and computers, and for the publication of full reports of the labor accomplished.

The chair of Geology has now been vacant for a year and a half. Most of the instruction properly falling to that chair was given last year and is to be given this year by Prof. Pettee. You are aware that our delay in filling the chair has been mainly due to economical considerations. It is at considerable inconvenience that Prof. Pettee rescues time this year from his work of Mining Engineering to discharge his present duties. The claims of his own department will be so pressing after this year that some other provision must be made for the instruction in

Geology. I hope the condition of our treasury will permit us to call some suitable person to the Professorship.

We had last year three new schools to organize, the School of Mines, the Dental School, and the Homœopathic Medical School. The means placed at our disposal for the purchase of apparatus for the School of Mines enabled us to provide ourselves with a fair equipment, comprising furnaces, stamp mill, crusher, ores, furnace products, etc. Although the announcement of the organization of the school could not be made until just before the opening of the academic year, fifteen students were registered on its roll. It is evident that there is a real want for the training which this school aims to give.

It is with peculiar pleasure that I announce the generous purpose of the Directors of the Calumet and Hecla Mining Company to present to the School of Mines a beautiful model of their stamp mill, after the close of the Centennial Exhibition at Philadelphia. It has there attracted much attention. The cost of this model is, I am told, at least twelve thousand dollars. This gift is, therefore, larger than any before made to the University by any individual or private corporation. Mr. Alexander Agassiz, President of the Company, in a letter dated Sept. 1st, made known the intention of the company to favor us with this most valuable addition to our means of illustrating the instruction in mining. We cherish the gift not only for its intrinsic value, but also because it evinces on the part of those actively engaged in the mining industry of our State a most lively and helpful interest in our enterprise.

I beg leave to direct your attention to a report herewith submitted, from the Professor of Mining Engineering, concerning the School of Mines, its work, expenditures and needs. It will be seen from his detailed statement that a good beginning has been made towards the outfit of the School. The funds appropriated have, I think, been carefully and judiciously expended. A reverberatory furnace, a blast furnace and books are among the pressing wants, for which appropriations are desired. Prof. Pettee's suggestions concerning a summer trip of the students to the mining regions of the Upper Peninsula for special study there and

the inquiry as to what shall be the requisites for the degrees of Civil Engineer and Mining Engineer are commended to your consideration. Of the great prospective usefulness of this School, if the Legislature shall provide for its continuance, there is no longer room to doubt. For the deep interest which our friends in the Upper Peninsula have taken in it, and for the valuable assistance they have rendered us, we are very thankful.

The act, which establishes the School of Mines, provides for a chair of Architecture and Design. We were unable to fill the chair in time to begin instruction last year. But Mr. W. L. B. Jenney, of Chicago, having accepted the Professorship last spring, preparations were at once commenced for the work of the new academic year. Orders were given for books, models, casts, and other necessary materials for illustrations in teaching. Prof. Jenney also gave two introductory lectures on Architecture. We have not looked for a large number of students the first year, but there can be no doubt that there will be a considerable demand\* for instruction in this department. Certainly there can be no doubt that there is a great need of thoroughly trained architects, who can bring to their work refined and educated taste and scientific knowledge.

The Dental School opened with an attendance, which in the circumstances must be deemed fair. It was not until a short time before the beginning of the term that the announcement of the School could be put in circulation. A class of twenty received instruction, of whom four graduated with the degree of Doctor of Dental Surgery. We have aimed to make the course one of great thoroughness, and to a certain extent to grade the work. The exceptional advantages furnished to dental students by our medical college and our chemical laboratory must make this School especially attractive and serviceable to all who desire a complete knowledge of dental science. We desire to recognize with appreciation the hearty support and the timely help, which the dentists of Michigan have given to the School. If the attendance increases, as we have a right to expect it will, ampler accom-

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\* A class of seven are pursuing this course. In view of the brief notice which could be given of the details of the work, this must be regarded as a satisfactory number. Several other students regularly attend the lectures of the course.

modations will be needed. A somewhat larger annual appropriation is indeed quite indispensable to the largest prosperity of the School.

I desire to call the attention of the Legislature and of all the friends of the University, to the fact that the Acts establishing the School of Mines and the Dental School, provided only two years' support for those schools. Unless, therefore, the Legislature at its coming session, renews the appropriations, the existence of those two schools must terminate at the close of the present University year. It is to be hoped that the same generous spirit, which prompted the original endowment, will also lead the Legislature to provide for their continuance. They are both giving a promise of prosperity and usefulness, which justifies the fostering care of the State.

The Homœopathic Medical College started under special difficulties. Like the other new schools it had but small opportunity to make known in advance its plan. The plan, when announced, met with some spirited opposition from a certain number of homeopathic physicians in the State. A class of twenty-four attended the lectures, but as they were all first year students, none were prepared to graduate at the end of the term. There was, however, a good *esprit de corps* among the students, and now that the Faculty has been enlarged, the prospect for the School seems satisfactory.

Though it had been feared and predicted by many that the establishment of the Homœopathic Medical College would cause a great reduction in the number of students in the Department of Medicine and Surgery, (the old Medical College), yet three hundred and twelve were actually in attendance. While this is a somewhat smaller number than the average for several years past, it is almost exactly the same as the number in attendance in 1872-3. It is probable, however, that some were induced to go elsewhere on account of the founding of the Homœopathic College. Diligent, and I must be permitted to say, discourteous efforts were several times made by interested persons to breed disaffection among our students, and to frighten them away from here, under the warning that their time of study here would not

be recognized at other schools. and that, if they graduated. their diplomas would not be accepted by the profession. These attempts to interfere with us failed of their end, and a class of about the usual size was graduated. ]

Much interest was very properly felt in our second year's trial of examinations for admission to the Medical School. since no other school in the country had yet ventured to take this slight step towards raising the grade of medical education.\* We have been somewhat criticised, and singularly enough, by friends of schools which hold no examinations for entrance, because our examination papers were not more difficult. But easy as they were, making only a demand for a decent English education, they were severe enough to exclude several applicants, who, however, found no difficulty in gaining immediate admission to other schools. We shall continue to elevate the standard of examination just as rapidly as the diffusion of education among the class, which furnishes medical students and the co-operation of other schools will warrant.

Owing to various unforeseen delays, our new Hospital Buildings were not completed in time for occupancy last year. This was a serious disappointment. But we are now to enjoy the advantages, which they will offer, for clinical teaching. This will be a most valuable addition to our means of instruction. The buildings are so tasteful that they enhance the beauty of our grounds.

A considerable number of the medical profession have seen fit to indulge in very sharp criticisms of our Medical Faculty, the Regents and the Legislature, because students in the Homœopathic College are allowed to attend lectures in the old Medical School. I do not refer to this fact for the sake of discussing the position of these critics, but simply for the purpose of reminding you that these unpleasant attacks have not driven our Professors from their posts. In these most trying circumstances they have been faithful to the University, and are deserving of all commendation for their devotion to her interests. We have abundant and

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\* The candidates for admission to the Dental School and to the Homœopathic Medical College were also subjected to the same examination.

most gratifying proofs that the attacks which have been so freely made on us for our plan of furnishing medical education to students of two schools, have not diminished the respect and esteem in which the University is held by the citizens of this and other States.

The Law School has had a very prosperous year. Its hold upon the public seems to be deep and strong. Professor C. I. Walker, who had at our request held his resignation in abeyance for a year, was compelled by the pressure of his professional business to ask a permanent release from the duties of the chair which he had so long and so ably filled. We have been fortunate enough to secure as his successor, William P. Wells, Esq., who has so acceptably occupied the chair during the absence of Professor Walker.

The School of Pharmacy in its prosperity continues to make larger and larger demands especially upon the Professors and Instructors in Chemistry and Botany. In my opinion a larger force is now required for the proper instruction of our various classes in Chemistry. To a greater extent than is now possible, the instruction of the College class and of the Pharmacy class in Chemistry, should be separated. The graduating class in the Pharmacy School, in June, numbered thirty-one.

The Librarian's report shows that there have been added to the Library during the past year by purchase 332 volumes and 8 pamphlets, by gift 182 volumes and 131 pamphlets, and by binding 107 volumes. Total increase, 621 volumes and 139 pamphlets.

We are suffering a two-fold inconvenience. In the first place we are not able to supply by purchase more than a tenth of the books we most urgently need to purchase every year. In the second place our Library room is too small for the proper accommodation either of our books or of our readers. The Regents have directed a plan of a new building to be prepared, though private munificence, or public appropriation must furnish the means for erecting the building. If we are to have a great and flourishing University here, we must have a great Library.

Our Museum continues to grow with a good degree of rapid-



ity. The most valuable additions this year, have been those from the collections Prof. Steere made in Formosa and the Philippines. He has taken a portion of his collections to London to identify and name them. He finds that he has many new species of birds. The books of the Museum give the following figures : Added during the year, zoology ; general donations, 325 species, 1,300 specimens. Prof. Steere's collection 23,900. Botany, general donations, 4,000 species, 6,000 specimens. Prof. Steere's collection, 2,506 specimens. Archæology : general donations, 14. The entire number of specimens in our Museum is nearly 255,000.

If the whole of the collection, which Prof. Steere has brought home, remains permanently with us, it is clear that we must have more spacious quarters for our Museum. We are already straitened for room. Our collections have already become so numerous that they naturally attract gifts. We are constantly receiving valuable donations. Persons, who wish to bestow choice specimens on some institution, generally prefer to add them to a choice collection. Since, also, we make it our constant study to increase our supply of illustrative scientific specimens, we may reasonably hope for a continuous and rapid growth of our Museum. We must provide for such a growth. I think we have already reached the point where a new and commodious building for the storing of our collections, and perhaps for furnishing us a few more lecture rooms for classes in Science, a physical laboratory, and large working rooms for the instruction in mining and in architecture, is a real and pressing need. Whether such a building or a new Library building is most needed, it might be difficult to say. But it is not easy to see how we can long do our work with efficiency, unless we have them both. At your last meeting, you directed the Professor of Architecture to prepare a plan of an edifice suitable for both purposes. Reflection has brought me to the conclusion that it will be better to erect separate buildings for the Library and the Museum. To the Library a wing might be added for the Art Gallery. If for no other reason, I should recommend the separation of the Museum from the Library as a precaution against fire. But our friends everywhere should understand the serious inconvenience we are suffering for the lack of both build-

ings. If the present Museum is vacated, it will supply us with additional recitation rooms, for the want of which we are now, at times, somewhat embarrassed.

Prof. Frieze has this year kindly given himself the trouble to prepare and print a new and instructive catalogue of the collections in the Art gallery. It was a long and laborious task to edit the work with the critical care which he gave to it. This catalogue greatly enhances the value of the collections to all visitors.

At the request of the Centennial Commission from Michigan and of Governor Bagley, we sent to the Centennial Exhibition at Philadelphia, the following articles to form part of the educational exhibit of Michigan: A volume containing the last Triennial Catalogue, the last Annual Calendar, and a very succinct and interesting Historical Sketch of the University, which, at my request, Prof. C. K. Adams had the kindness to write, and Prof. Frieze's catalogue of the Museum of Art and History. A volume containing Photographs of our Buildings. A volume of Engineering Drawings, executed by our students. Other Engineering Drawings, accompanying graduation theses. A volume of Drawings, illustrating microscopical studies in Botany. A similar volume of studies in Biology. A case of rare shells and one of rare birds from the Beal-Steere collection. (The cases were furnished by Mr. R. A. Beal.) A complete set of Pharmaceutical Preparations, as prepared by members of graduating classes in our school of Pharmacy. A chart, showing the full course of free public instruction in Michigan through the Primary, Grammar and High Schools and the University; also, through the Normal School and the Agricultural College. This chart was executed by order of Governor Bagley in our Engineering Department under the special direction of Instructor C. S. Denison. Lastly, a brief explanation prepared by Prof. Frieze, of the system represented on the chart. Our contribution to the Exhibit seems to have been examined with interest by the students of our American educational systems; and has received the formal approbation of the Judges.

The Report of the Finance Committee, which is presented at this meeting, gives the details of our receipts and disbursements.

Our income barely suffices to meet the pressing demands made by our large and varied work. It is only by denying ourselves help which we greatly need both in teachers and in means of illustrations that we are able to get on. When the Act granting us the one-twentieth mill tax was passed, we hoped that at the re-appraisal of the taxable property of the State in 1876, an increased valuation might yield us a somewhat larger income. But as the valuation stands unchanged, our resources are not enlarged. With a plain statement of our condition we must therefore leave our case in the hands of the people of Michigan, and ask them to do for us what seems to them wise. As we recall the generosity which they manifested through their Legislature two years ago, we do not suffer ourselves to doubt that the interests of the Institution, in which they have shown so much pride, are safe in their care.

Respectfully submitted,

JAMES B. ANGELL.

On motion of Regent Rynd, the report of the President was accepted, and was ordered to be printed in the minutes.

The following resolution was presented by Regent E. C. Walker :

*Resolved*, That five hundred extra copies of the President's report be printed and bound for the use of the Board and other purposes.

Ayes—Regents Estabrook, Rynd, E. C. Walker, Climie and S. S. Walker.

The following resolution was submitted by Regent Rynd, and adopted :

*Resolved*, That the Committee on Finance be, and is hereby instructed to prepare a careful Financial Exhibit in detail of the University, covering two years, ending the first day of July, 1876; and that 500 copies of such Exhibit be published for the use of the next Legislature, and for other purposes.

*Resolved*, Further, that such Committee, in conjunction with the Executive Committee, be instructed to solicit such material aid from the next Legislature as the varied interests of the University may demand.

The following report, in relation to the School of Mines, was presented by the President, and on motion, it was ordered to be printed in the minutes :

*To the President of the University:*

DEAR SIR:—In view of the approaching meeting of the Board of Regents, I beg leave to submit the following report and suggestions in relation to the School of Mines.

The amount of the special fund provided by the last Legislature for the equipment of the School, exclusive of salaries, was five thousand dollars. One-third of this sum was set aside at the June meeting of the Board for the use of the Department of Architecture and Design. The remainder, with the exception of a small balance of less than seventy-five dollars, hardly sufficient to cover the necessary incidental outlays of the current year, has been expended under the direction of the Professors of Metallurgy and Mining Engineering. The statement below shows in round numbers how much has been used for the different purposes specified.

Cost of material and labor in fitting up metallurgical laboratory	\$425 00
Melting furnaces, forge and settings.....	650 00
Assay furnaces, tools, apparatus. and stock.....	425 00
Laboratory crusher.....	50 00
Stamp mill, extra parts, shafting and labor.....	400 00
Stock of gold, silver, and lead ores.....	225 00
Balances and appurtenances.....	210 00
Cost of material and labor in fitting up balance room.....	200 00
Mineral collection for the use of students, and set of glass crystal models.....	350 00
Mining, metallurgical, and geological drawings and tracings.....	50 00
Freight and express bills.....	125 00
Printing, advertising, and traveling expenses.....	150 00
Total.....	\$3,260 00

Nothing further can be added to the equipment of the school, without aid from the Legislature or from some other source.

In the metallurgical laboratory as now equipped, there are good facilities for giving instruction in Assaying, but for the illustration of more extensive operations and the important methods employed in actual practice, other appliances will be needed. A reverberatory furnace and a small blast furnace ought to be erected at an early day.

The ores of gold, silver, and lead, with which the laboratory has been stocked, were obtained in part from the Wyandotte Silver Works, and in part through the kind assistance of Mr. A. B. Wood, of Ann Arbor, from Colorado. They are mostly of

high grade, and are well adapted for the use of students beginning the subject of Assaying. The price paid for them was simply their market value, reference being had solely to the amount of metal contained, as shown by the assays. The laboratory now needs a supply of ores of lower grade, and large quantities of copper rock and iron ores from Lake Superior and other mineral regions. The chief item of cost of such ores will be the transportation from the mines.

The value of this laboratory to the University is not to be estimated by the number of students entered upon the annual calendar under the head of Mining Engineering. The courses in Determinative Mineralogy, Blow-pipe Analysis, and Assaying, have proved attractive to students, whose principal work was in other departments, and there will undoubtedly be in the future a large number each year of special students, who wish to obtain a knowledge of Mineralogy, or Assaying, without being able to spend the time necessary for a complete course of study. It seems to be a good policy for the School of Mines to encourage such students, as far as it can be done without detriment to the work of regular classes.

In connection with the laboratory a beginning has been made toward the formation of a metallurgic and industrial cabinet. Through Mr. C. R. Wells, of Bay City, a collection of iron ores and products, comprising one hundred specimens, has been secured for this cabinet from Cincinnati, and Mr. D. T. McDonald, of Calumet, has sent a set of sixteen specimens of copper and silver ores from Lake Superior. Messrs. Rhodes & Co., of Cleveland, have expressed a willingness to place at the disposal of the University their valuable collection of iron ores and manufactured products, now on exhibition at Philadelphia. Mr. S. W. Baird, of Cincinnati, agent of the Selma, Rome and Dalton Railroad, has also generously offered to give to the University a collection of mineral specimens, selected from the exhibit made by that road at the Centennial exhibition, at no expense to us but the freight. This offer has been accepted, and correspondence has been opened with other exhibitors, with good prospects of receiving other contributions similar in kind. A set of forty-two

samples, to illustrate the method of separating the metallic copper from the enclosing rock, was collected by myself at the Atlantic Mill, near Houghton, last June, and will be ready for exhibition as soon as the proper bottles for it are received. For this collection the thanks of the school are really due to Mr. W. J. Evans, superintendent of the mill, who freely granted me every desired facility, and spent himself the greater part of one day in the work of collecting. From Mr. A. J. Corey, Superintendent of the Quincy Mine, I also obtained a diamond drill core, illustrating the character of the country rock.

The mineral collection purchased for the use of the students, comprises between 675 and 700 specimens. It is at present kept in drawers in the room adjoining the geological lecture room, where it is easy of access whenever wanted. A few of the glass crystal models imported from Germany a year ago, were injured in transportation. It will be desirable to replace these with new ones, and to purchase about fifty models in addition to what we now have. The number of wooden models can also be increased to advantage.

For the illustration of lectures to be given in Geology, Mining, and Metallurgy, wall diagrams in considerable quantity will have to be provided. The most satisfactory way of supplying our needs in this direction will be by employing a competent draughtsman upon the work for two or three months, or longer if necessary. Models of furnaces and of such mining machinery as cannot be sufficiently well illustrated by diagrams will also be needed.

The model of the stamp mill of the Calumet and Hecla Mining Co., presented by the Company, will be of great use to us. The gift is as timely as it is munificent.

The general library, as is well known, is poor in the literature of mining and metallurgy; and the small annual allowance from the library fund is insufficient to supply the deficiencies. It is hoped that the next legislature will appropriate a generous sum, to be available for the purchase of books.

The distance of the University from the mining regions of the country is so great that it will not be practicable to arrange

for very frequent excursions to places where works of the kind described in the text-books and lectures are to be seen in actual operation. In place of such excursions, which might be made extremely profitable to the students, it is recommended that portions of the long vacation be regularly devoted to field instruction. Summer schools could be established at such places as Marquette, Ishpeming, or Houghton—at different places in different years—where the students, under the guidance of the professor or other instructor, could acquire an insight into the methods of actual practice. A portion of the time could be spent in visiting the mines, mills, and furnaces of the neighborhood, and the remainder in arranging notes, collecting specimens, and preparing a detailed report upon the work of the season. The chief objection to such a scheme will doubtless be the expense, and the objection is in truth a serious one. Still, in consideration of the positive advantages to be gained, it seems worth while to make the suggestion at this time, in the hope that some means may be devised for carrying it into effect.

No large sum would be required for the general expense of such a school. It is the increased personal outlay, both in the case of student and of instructors, for which provision would have to be made. If there were a permanent fund, created by voluntary subscription, or by an act of the Legislature, the income of which could be used, under the direction of the Board of Regents, for paying a portion of the extra expenses incurred by meritorious students, the remaining difficulties could be easily overcome.

During the past year there has been considerable discussion, both in public and private, among the leading civil and mining engineers of the country, upon the subject of technical education. The discussion has not yet led to the adoption of any definite plan of action, but there is one point upon which there has been great unanimity of opinion; and that is, the undesirability of conferring upon young men, at the time of their graduation, the degrees of Civil Engineer and of Mining Engineer. The reasons for this opinion are not difficult to understand; but whether it would be a wise policy for this University to make any change in the style of degree, which it confers, is a question of a com-

plicated character, but it is a question liable to be called up for discussion at an early day.

Respectfully submitted,

W. H. PETTEE,

October 14, 1876.

Professor of Mining Engineering.

Regent Rynd submitted the following resolution, which was adopted unanimously:

*Resolved*, That the Annual Commencement Exercises of the Homeopathic Medical College be held on the evening of the last Wednesday of March.

On motion of Regent S. S. Walker, the Board went into executive session, at the close of which, the Board resumed business in open session.

Regent E. C. Walker presented the following resolution, which was adopted:

*Resolved*, That the salary of S. T. Douglas, assistant in Chemistry for the past year, be charged over to the School of Mines, in which he has been an assistant, and that \$500 of his salary for the present year be drawn from the same fund.

Regent Estabrook submitted the following resolution:

*Resolved*, That Charles S. Denison be and hereby is appointed Assistant in the School of Architecture and Design, at an annual salary of \$500, year to commence October 1st, 1876.

The resolution was adopted by vote, as follows:

Ayes—Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

On motion, the Board adjourned to 2½ o'clock P. M.

UNIVERSITY OF MICHIGAN, }  
Tuesday, October 17th, 1876. }

The Board of Regents reassembled in the room of the President at 2½ o'clock P. M.

Present: The President; Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

The annual report of the Finance Committee was submitted and read by Regent S. S. Walker.

The Finance Committee submit the following report of the receipts and disbursements of the University for the fiscal year ending June 30th, 1876:

RECEIPTS. (*General Fund.*)

Balance in Treasury July 1st, 1875.....	\$ 2,294 11
Received from the State Treasurer on account of University Interest Fund.....	38,427 23
Received from the State Treasurer on account of 1-20th Mill Tax.....	31,500 00
Received from the Steward on account of Students' Fees.....	29,500 00



Received on account of temporary loans.....	12,585 34
Received for interest on Treasurer's account... ..	214 32

**RECEIPTS. (*Special Fund.*)**

Received from the State Treasurer on account of Water Supply.....	5,000 00
Received from the City of Ann Arbor for New Hospital Buildings and equipment.....	4,000 00
Received from the State Treasurer for New Hospital Buildings and equipment.....	8,000 00
Received from the State Treasurer for account of Homœopathic Medical College.....	6,000 00
Received from the State Treasurer for account of College of Dental Surgery.....	6,000 00
Received from the State Treasurer for account of Mining School Equipment.....	2,500 00
Received from the State Treasurer for account of General Expenses of Mining School.....	4,000 00
<b>Total Receipts for the year.....</b>	<b>\$150,321 00</b>

**DISBURSEMENTS.**

Paid Salaries and Janitors' wages as per Pay Roll herewith submitted.....	70,816 25
Redemption of outstanding warrants.....	3,000 00
Accrued interest on outstanding warrants and temporary loans.....	257 07
Steward's disbursements as per vouchers herewith submitted..	28,985 43
Steward's disbursements on account of Homœopathic Medical College Equipment.....	1,390 57
Steward's disbursements on account of the College of Dental Surgery.....	858 89
Steward's disbursements on account of the School of Mines.....	2,866 30
Steward's disbursement on account of the New Hospital Building and Equipment.....	10,887 72
Steward's disbursements on account of the Water Works.....	7,212 43
Balance carried to new account.....	24,046 34
	<b>\$150,321 00</b>

Of the above balance there was due for salaries on the 1st day of July, 1876, the sum of \$17,020 82.

The warrants outstanding on the first day of July, 1876, were in amount \$13,500. If we add to this the sum due for salaries on that day, namely \$17,020 82, it will be observed that there was an actual indebtedness of \$6,474 48.

The estimated receipts for the fiscal year ending June 30, 1877, are as follows:

Balance in the Treasury July 1, 1876.....	\$ 24,046 34
For University interest.....	38,400 00
Students' Fees and Diplomas.....	27,000 00
Annual State aid, act of 1873, 1-20 Mill Tax.....	31,500 00
Annual State aid, act of 1875, Homœopathic Medical College.....	6,000 00
Annual State aid, act of 1875, School of Mines.....	10,500 00
For chemicals and apparatus, Chemical Laboratory.....	6,000 00
	<b>\$ 143,446 34</b>

The disbursements for the same time are estimated as follows:

For salaries of Professors in all of the departments and for Janitors' wages.....	\$ 5
For repairs and alterations.....	
For fuel and light .....	
For Libraries.....	
For Insurance.....	
For Annual Calendar.....	
For Hospital.....	
For improvements of the grounds.....	
For postage.....	
For Regents' expenses.....	
For Steward's contingent expense account.....	
For Homœopathic Medical College (current expenses).....	
For College of Dental Surgery (current expenses).....	
For Chemical Laboratory (current expenses).....	
For Museum and Microscopical room.....	
For Physics and Engineering department.....	
For redemption of outstanding warrants.....	1

\$1:

The condition of what are called "Special Accounts" as given by the Treasurer in his report, is as follows:

#### I. WATER SUPPLY ACCOUNT.

The amount received from the State Treasurer and covered into this account is.....	\$
The disbursements to date have been.....	
The excess of expenditures \$ 2,212 43 which has been paid from General Fund.....	

#### II. NEW HOSPITAL BUILDING AND EQUIPMENT ACCOUNT.

The receipts carried into this fund are as follows:

1875.		
September 1, received from the City of Ann Arbor.....	\$4,000 00	
October 27, received from State Treasurer for construction.....	5,500 00	
October 27, received from State Treasurer for equipment account.....	2,500 00	
		\$1
October 27, disbursed for construction.....	\$9,271 00	
October 27, disbursed for equipment.....	1,606 72	
		\$1
Balance in the Treasury.....		\$

#### III. HOMŒOPATHIC MEDICAL COLLEGE.

1876.		
January 25, amount secured from State Treasurer.....	\$	
January 25, amount disbursed.....		
Unexpended balance in the Treasury.....		\$

## IV. THE DENTAL SCHOOL.

The receipts placed to the order of this account are as follows :

1876.		
January 26, received from State Treasurer.....	\$3,000 00	
March 14, received from State Treasurer.....	3,000 00	
	<u>          </u>	\$ 6,000 00
Disbursements to date.....		<u>3,458 89</u>
Unexpended balance in the Treasury		\$ 2,541 11

## V. THE SCHOOL OF MINES.

1876.		
February 3, received from State Treasurer for equipment account.....	\$2,500 00	
February 3, disbursements to date have been.....	<u>2,866 30</u>	
Excess of disbursements.....		\$ 366 30
May 4, received from State Treasurer for account of current expenses.....	\$4,000 00	
May 4, disbursements on account of current expenses to date.....	<u>2,500 00</u>	
Balance to credit of current expense account.		\$ 1,500 00

There has been received at the Chemical Laboratory from the sale of chemicals, apparatus etc., during the year ending June 30, 1876, the sum of \$6,996 74. The disbursements for the expenses of the Laboratory during the same time were \$6,066 59, showing an excess of receipts of \$930 15.

The annual report of the Treasurer with a full list of all the warrants paid by him is herewith submitted. This list of warrants has been carefully compared with the books of the Secretary and found to be correct.

Your committee submit herewith a list of all of the officers, Professors and employes of the University, showing the amount of salary paid each.

In submitting the foregoing report, your Committee would call attention to the ever recurring closeness with which the funds of the University are consumed. The fields of labor are large, and we presume such will always be the case. We are confident that our funds have been wisely expended, and that as much has been accomplished as could be expected.

SAMUEL S. WALKER,  
Of the Finance Committee.

On motion, the report was accepted and ordered printed in the minutes.

The following resolution was submitted by Regent E. C. Walker :

*Resolved*, That Professor Burt G. Wilder, of Cornell University, be appointed Lecturer on Physiology for the current year. at a salary of \$900 per annum.

The resolution was adopted by the following vote:

Ayes—Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

Professor A. B. Palmer, Dean of the Medical Faculty, being present, made a verbal report upon the appeal of Miss O. M. Patton, a medical student, who failed to receive a diploma in consequence of having been rejected by the Medical Faculty.

The report was accepted without action.

Professor Palmer also made a statement relative to the manner in which he thought the ventilation of the Lecture rooms of the Medical College could be improved, and urged the necessity of an appropriation being made at this meeting for that purpose.

The report was accepted, and the following resolution submitted by Regent Rynd, was adopted:

*Resolved*, That a sum not exceeding \$300 be placed at the disposal of the Committee on Buildings and Grounds, for the purpose of the better heating and ventilating of the Medical College.

Ayes—Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

Regent Climie presented the following resolutions, which were adopted:

*Resolved*, That Henry B. Parsons be and is hereby appointed Assistant in Chemistry, at a salary of \$125 per annum, salary to commence October 1st, 1876.

*Resolved*, That Miss Kate Crane be and is hereby appointed Accountant and Dispenser of Chemicals in the Chemical Laboratory, at a salary of \$500 per annum, salary to commence October 1st, 1876.

Ayes—Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

A report relative to the Mineralogical and Zoological collections of the Museum, by Professor Pettee, was received and read by Regent S. S. Walker. The report was ordered to be placed on file.

On motion of Regent Rynd, the Board went into executive session, at the close of which, the following resolution was submitted by him:

*Resolved*, That the following resolution submitted at the June meeting of this Board, and which was by request of the mover laid on the table, be now taken from the table.

The motion prevailed.

The following is the resolution referred to:

*Resolved*, That the Homeopathic Medical Faculty be and are hereby required to make all the final examinations of students in the Homeopathic Medical College, and that the report of such final examinations be made by such Faculty, through the President, to the Board of Regents.

At the close of the discussion, on motion of Regent Rynd, the resolution was again laid upon the table

The following resolution was submitted by Regent Rynd and adopted :

*Resolved*, That the sum of \$50 be paid to Professor J. C. Morgan, annually, for giving instruction in Physical Diagnosis.

Ayes—Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

Regent E. C. Walker submitted the following resolution :

*Resolved*, That in case a student leaves the University immediately after matriculation, for good and sufficient reasons, the Steward and President, may, in their discretion, refund to such student the fee paid by him for annual dues.

The resolution was adopted by the following vote :

Ayes—Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

On motion of Regent S. S. Walker, the following appropriations were made for the objects stated.

For contingent expenses.....	\$ 1,000 00
For repairs and alterations.....	500 00
For fuel and light.....	500 00
For insurance.....	300 00
For museum.....	300 00
For hospital.....	200 00
For medical library.....	100 00
For repairs of apparatus in ophthalmology, etc.....	100 00
For regents' expenses.....	47 00

Ayes—Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

On motion of Regent Walker, Regent Rynd was appointed to prepare the Annual Report of the Board, to be submitted to the Superintendent of Public Instruction.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*, That Regents E. C. Walker and S. S. Walker, be and are hereby authorized to expend a sum not exceeding \$1,000 for the purpose of procuring plans, models and minerals for the Departments of Civil and Mining Engineering.

Ayes—Regents Estabrook, Rynd, E. C. Walker, Climie, and S. S. Walker.

On motion, the Board adjourned.

H. D. BENNETT,  
SECRETARY.

## DECEMBER MEETING.

UNIVERSITY OF MICHIGAN, }  
December 29, 1876. }

The Board of Regents assembled in the room of the President at ten o'clock A. M.

Present: The President; Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Climie, Cutcheon, and S. S. Walker.

The meeting was called to order by the President, and opened with devotional exercises.

On motion of Regent Rynd, the minutes of the last meeting were approved as printed.

The following resolutions submitted by Regent S. S. Walker, were unanimously adopted:

*Resolved*, That the thanks of this Board of Regents be, and the same are hereby tendered to the officers of the Calumet and Hecla Mining Company for the very valuable gift to the School of Mines of the model of the stamp mill, lately on exhibition at the Centennial Exposition at Philadelphia.

*Resolved*, That a certified copy of this resolution be forwarded to Alexander Agassiz, President of said Company.

Regent Rynd presented a communication from the Secretary of the Homœopathic Medical College, which was accepted and placed on file. He also referred to a communication which he had received from Dr. Brodie, President of the State Medical Society, which was also accepted, and on his motion both communications were made a special order for the afternoon.

A paper from Dr. E. R. Ellis, of Detroit, was presented by Regent Rynd, which, on motion of Regent Grant, was referred to the special Committee on the Homeopathic Medical College. A second communication from Dr. Ellis was received, and also referred to the same committee.

A communication from Dr. F. A. Rockwith was received and referred to the Committee on the Medical Department.

Regent Cutcheon presented an application from Dr. Wm. F. Fisher, of Manistee, for a duplicate diploma, the original having been destroyed by fire on the 8th day of October, 1871. Satisfactory proof of the loss having been furnished by Regent Cutcheon, the Secretary of the Board was ordered to furnish a duplicate on payment of the usual diploma fee.

The following communication from the Professors and Instructors in Pharmacy was presented and read by Regent Climie :

UNIVERSITY OF MICHIGAN, }  
December 22, 1876. }

*To the Honorable Board of Regents:*

The undersigned, the officers of instruction in the course in Pharmacy, respectfully recommend that this course, viz: the provisions for the instruction given under the requirements for the degree of Pharmaceutical Chemist, be constituted a separate branch or department of the University, under the name of The School of Pharmacy.

Our recommendation seems to be supported by the following considerations. The course in Pharmacy is a technical one, throughout. As such it is not parallel with any course in the literary department, and its inclusion in this department has been only nominal. It is separated from other departments by the professional purpose of its work in the University and by its relations to those who supply its students and employ its graduates. Nearly all the required work of the Pharmacy classes is conducted with them separately, as shown by accompanying statement A, this separation being demanded by the size of the classes as well as by a due application of the sciences taught. The permanence of the school seems to be assured by the steadily increasing support given it, as noted in statement B. The officers who now give instruction to undergraduates in pharmacy are named in statement C.

SILAS H. DOUGLAS,  
ALBERT B. PRESCOTT,  
G. E. FROTHINGHAM,  
WM. H. PETTEE.  
JOHN W. LANGLEY,  
VOLNEY M. SPAULDING.

#### STATEMENT A.

The work required for the degree of Pharmaceutical Chemist (see University Calendar) consists of work in classes separate for students of the first and second years, and work in the chemical and microscopical laboratories. The work in classes is as follows:

##### IN FIRST YEAR.

1. Chem. Physics and Inor. Chem., lectures; with Medical Department. Chem. Physics and Inor. Chem., recitations; separately.
2. Analyt. Chem., Qual.; separately.
3. Pharmacy; separately.
4. Botany; separately.
5. Analytical Chem., Quant.; separately.

##### IN SECOND YEAR.

1. Phar. Botany; separately.
2. Crystallography; separately.
3. Materia Medica; with Medical Department.
4. Organic Chemistry and Pharmacy; separately.
5. Toxicology and Anal. Urine; separately.

(It is very desirable that the instruction in Materia Medica should be given separately and differently to students in pharmacy. The reasons for so doing were mentioned in the final report of the previous Professor in that branch, Dr. Cheever.)

## STATEMENT B.

Students in Pharmacy, 1868-69.	20	1872-73.	48
1869-70.	36	1873-74.	68
1870-71.	39	1874-75.	68
1871-72.	40	1875-76.	79

Published contributions of original work done by Alumni of Pharmacy, and reported at the time of graduation or after. See accompanying Index.

## STATEMENT C.

Silas H. Douglas,	Samuel T. Douglas,
Albert B. Prescott,	Abram V. E. Young,
George E. Frothingham,	Victor C. Vaughan,
William H. Pettee,	Volney M. Spaulding,
John W. Langley,	Henry B. Parsons,
Otis C. Johnson,	Louisa M. Reed.

At the conclusion of the reading of the paper, Regent Climie submitted the following resolution, which was adopted:

*Resolved*, That the School of Pharmacy which has hitherto been connected with the Department of Literature, Science and the Arts, be and is hereby constituted a separate school of the University, to be known and designated hereafter as "The School of Pharmacy."

Regent Cutcheon, chairman of the Library Committee, submitted and read the following report, which was accepted:

UNIVERSITY OF MICHIGAN. }  
Ann Arbor, December 29, 1876. }

The Library Committee to whom was referred the resolution relative to the salary of the Librarian, at the March meeting of the Board, would respectfully report that they have had the same under consideration and recommend the adoption of the accompanying resolution as a substitute for the one referred to your committee:

*Resolved*, That the salary of the Librarian be increased to the sum of eighteen hundred dollars per annum, the same to be paid from the first of October, 1876.

B. M. CUTCHEON,  
J. ESTABROOK,  
E. C. WALKER.

At the close of the discussion of the resolution submitted by the committee, it was adopted on a call vote, as follows:

AYES—Regents Estabrook, McGowan, Rynd, E. C. Walker, and Cutcheon.

NAYS—Regents Grant, Climie, and S. S. Walker.

Regent McGowan presented a report in accordance with a resolution adopted at the last meeting of the Board, giving in detail the receipts and disbursements of the University for the two last fiscal years, ending June 30, 1876, which, on motion, was laid on the table for the present.

The following resolution submitted by Regent Rynd was adopted:

*Resolved*, That from and after January 1, 1877, the salary of Rev. Geo. P. Williams be paid monthly in advance, if so desired by him.

On motion of Regent E. C. Walker, the Board adjourned to 2 o'clock p. m.



UNIVERSITY OF MICHIGAN, }  
December 29, 1876. }

The Board of Regents reassembled in the room of the President at 2 o'clock P. M.

Present: A full Board.

On motion of Regent E. C. Walker the Board went into executive session, at the close of which the business of an open session was resumed.

Professor A. B. Palmer being present was granted permission to submit and read the following resolutions and report of the Medical Faculty, which were accepted and ordered to be printed in the minutes:

At a Faculty meeting of the College of Medicine and Surgery of the University of Michigan, held December 18, 1876, the following resolutions were passed:

*Resolved*, That this Faculty recommend to the Board of Regents to open negotiations with the society of the "Sisters of Charity" for the lease of the University Hospital for a term of years.

Carried unanimously.

*Resolved*, That in the opinion of this Faculty the time has come when the course of instruction in this department should be extended to the full college year of nine months.

Carried with one dissenting vote.

It will be remembered that this is a reiteration of resolutions passed on several former occasions, years ago, but the request has hitherto been answered by the Board by the statement that the condition of the finances of the University would not justify the increased expenditure. Whether such objection has been removed, the Board will judge.

There can be little doubt but that the number of students would be diminished, for some years at least, though it is hoped that ultimately such diminution would not occur: but whether at the present time, with other causes of diminished numbers continuing, such extension would be judicious, will, of course be a matter for the Board carefully to weigh.

With the increase of subjects embraced in a curriculum of a full course of medical instruction, with the amount of practical work in the Anatomical, Chemical, and Physiological laboratories so imperatively demanded, no one acquainted with the subject can for a moment doubt the great desirableness of the extension of the course suggested by the resolution.

A. B. PALMER, Dean.

The following resolutions were submitted by Regent McGowan, Chairman of the Finance Committee:

*Resolved*, That the sum of one hundred and seventy-five dollars and eighty-five cents be appropriated for Regents' expenses.

*Resolved*. That the Treasurer of the University be authorized to make such temporary loans as may be necessary to meet any needed payments between the present time and the March meeting of the Board; provided such loans shall not exceed in the aggregate the sum of \$5,000.

The resolutions were adopted by vote as follows:

AYES—Regents Estabrook, McGowan, Grant, Rynd, E. C. Walker, Climie, Cutchcon, and S. S. Walker.

Regent Rynd submitted the following preamble and resolution, which, on his motion, was laid upon the table and ordered to be printed in the minutes.

WHEREAS, In the judgment of this Board of Regents, the time has<sup>47</sup> arrived for extending the Medical lecture term from six to nine months: 374  
and,

WHEREAS, The interests of medical science will be promoted by such extension of the lecture term; therefore,

*Resolved*, That a nine months' course—or full college year—properly graded, be instituted, commencing on the 1st day of October next, and that the Deans of the respective Faculties, for such Faculties, present at their earliest convenience, a plan or schedule, covering the requirements of such graded course.

Regent Grant submitted the following resolution which was adopted:

*Resolved*, That the Committee on Grounds be and are hereby instructed to investigate into the feasibility and expense of heating all the University buildings by steam from one central boiler house, and also into the feasibility and expense of erecting gas works to light the buildings.

There being no further business, on motion of Regent McGowan the Board adjourned.

H. D. BENNETT,  
SECRETARY.



## MARCH MEETING.

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UNIVERSITY OF MICHIGAN, }  
March 27th, 1877. }

The Board of Regents assembled in the room of the President at 10 o'clock A. M.

Present: The President; Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, and Collier.

The meeting was called to order and opened with devotional exercises by the President.

On motion of Regent Rynd the minutes of the last meeting were approved as printed.

Regent Rynd submitted the following resolution, which was adopted:

*Resolved*, That Regents Cutcheon, E. C. Walker, and Climie be appointed a committee to report a list of standing committees at their convenience; if possible this afternoon.

The following communication was received from the Dean of the Faculty of the Department of Medicine and Surgery:

*To the Honorable, the Board of Regents:*

The Faculty of Medicine and Surgery have the honor to report that the following named persons have complied with all the requirements necessary for graduation, and they are hereby recommended for the degree of Doctor of Medicine.

A. B. PALMER, Dean.

Charles Beckwith Allyn,  
William W. Anderson,  
Albion A. Andrews, B. S.,  
George B. Ayres, M. D.,  
Ransom M. Barrows,  
Charles Black, B. A.,  
Benjamin D. Bradfield,  
Alexander C. Burns,  
Harris Anson Canfield,  
John Edward Clark,  
John J. Connor,  
Jeremiah Coughlin. P. C.,

George N. Newton,  
George William Orr,  
George William Palmer,  
Duncan Paterson,  
Clarence E. Pursons,  
Wilbur Fiske Reed, B. A.,  
Edward Adams Romig,  
G. Irwin Royce,  
Randall Schuyler, Jr.,  
Elisha T. Shumaker,  
Hollis Fred Sigler,  
S. Whedon Smith, B. A., P. C.,

John Franklin Curry,  
Julius W. Y. David,  
Henry William Dennis,  
Alfred Desjardins, M. A.,  
John Benjamin Dudley,  
John H. Dumon,  
G. Dudley Elder,  
Stephen Fugate,  
George Whitfield Furey,  
Fred. Eugene Grant,  
Henry P. Halsted, B. S.,  
D. Claude Hawxhurst,  
George Henry Jones,  
George Weirs King,  
James Johnson Lyon,  
Alexander C. McLean,  
Jeremiah L. Maloney,  
John M. McDonald,  
William H. McKenzie,  
Arthur Howard Moss,  
Moses Newkirk.

Lafayette Stuck,  
Clarence Fletcher Swift,  
James H. Travis,  
Ashman H. Vandivert,  
F. Eugene Walbridge,  
George Watson,  
Henry Mason Wheeler,  
George James Wilder,  
Charles W. Wooldridge, B. S.,  
Eveline P. Ballentine,  
Emma L. Benham,  
Amanda Conkling,  
Ada J. Healey,  
Mary L. Hoagland,  
Euphemia J. Howell,  
Eliza Mitchell,  
Julia E. Sparr,  
Elnora Upham Totten,  
Abbie E. Vaill,  
Lettie Helen Woodruff. //

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The following resolution, submitted by Regent Rynd, was adopted :

*Resolved*, That the degree of Doctor of Medicine be and hereby is conferred upon the candidates named in the communication just received from the Dean of the Medical Faculty, as recommended.

Regent Rynd submitted the following preamble and resolution :

WHEREAS, Certain charges have been made by Dr. Rockwith, a lecturer in the Homoeopathic Medical College, personally, and through the Dean of that Department, against Professors Maclean and Frothingham, therefore,

*Resolved*, That the Homoeopathic Faculty, or any member thereof be invited to present such charges in writing at 2 p. m. this day.

The resolution was adopted.

The annual report of the Department of Medicine and Surgery was presented and read by the Dean of the Medical Faculty, as follows :

UNIVERSITY OF MICHIGAN. }  
Ann Arbor, March 27, 1877. }

*To the Honorable, the Board of Regents of the University of Michigan :*

The Faculty of the College of Medicine and Surgery, in presenting this annual report beg leave to say that the course of instruction in their Department just closed, has been conducted in the usual manner, and, so far as the qualifications of the candidates for graduation are concerned, with more than the usual success.

Although the standard for graduation has been gradually raised, and is higher this year than ever before, yet the number failing to reach that standard has diminished, and never has a class left the college so fully instructed in what the Faculty believe to be the truth, in opposition to what they regard as false systems; and never was a class so fully and universally impressed with the errors and absurdities of such systems as the present.

It has been a source of much satisfaction to the Faculty that the attention, application and order of the class in the College have been excellent, and so far as the conditions for graduation of those who have been more particularly under our observation, are concerned, not a single instance of dereliction of duty, even in the smallest degree, has been observed.

Improvement in the ventilation of the lecture rooms, which was urged in the last annual report, has been effected to a fair degree of satisfaction at a trifling expense, and at a further moderate expense entirely within the limits of the contingent appropriation made for that purpose, should the size of the class or the condition of the weather render it necessary, the warming and ventilation may be still farther improved, and made nearly perfect.

The Faculty would again call attention to the subject of the lengthening of the term of instruction to the full college year, and would further say that from statements and intimations from various sources—from resolutions of Medical Societies, from a report of a legislative committee, and from the expressions of students, the plan seems to meet with general favor. That it would enable the Faculty to give a much more complete course of instruction, and to require and effect a higher degree of professional culture in candidates for the honors of the University and the responsible duties of the profession, there can be no doubt, the only objection being the possible diminution of students, and the increased pecuniary expenditure which it would involve.

The Faculty would earnestly call the attention of the Regents to the condition and future management of the hospital. The State has undertaken to establish a hospital, not for the benefit of the University alone, but for the suffering and unfortunate of the State as well, and has placed it in the care of the Regents; but it requires means to conduct such an institution successfully, and unless such means are from some source provided in greater abundance than hitherto, failure rather than success must be the consequence.

A further and more detailed report on the subject from a committee of the Faculty appointed for that purpose, is herewith submitted.

The wants of a physiological laboratory, and the necessity of making provision for a permanent professor for that important branch of science

have already occupied the attention of the Board of Regents and the Legislature, and it is hoped that men and means for the establishment and support of this indispensable department will be furnished.

The Faculty would also ask attention to the desirability of increasing the force for giving instruction in the dissecting room. As now constituted, the Demonstrator of Anatomy is charged with the duty of procuring the supplies of material for the use of students, and of superintending their work during the study of the same by dissecting.

Here during four or five months, are from one hundred to one hundred and fifty persons engaged in this appropriate work from three to four hours in the afternoon. It is obviously impossible if he had no other duty, for one man to do justice to such a number of students; and it has been the practice to secure the aid of some of the better qualified students to go about from class to class in the dissecting room, giving instruction. This volunteer service, though useful, is by no means what the students ought to have, for they need skilled instruction, as it seems to us, just as much as the workers in the Laboratory; and it is obvious that for the most successful work, and the best good of the students, we need men who can give their time and attention wholly to the work, for a compensation which shall secure persons competent for the position.

We believe that two men who have graduated, and who desire to go beyond the requirements of graduation in the study of anatomy, may be induced to come here for the winter and give their services to the University, having a partial equivalent in recognition in the calendar as Assistant Demonstrators.

If these can be obtained, it might and should be a part of their duty to increase the permanent means of instruction by additions to the museum of such interesting specimens as are now often lost for want of one whose duty is to make them available.

Such assistants should also as a part of their duty, render aid to the Professor of Anatomy, who for more than twenty years has made all his own preparations for illustrating his lectures—for the Demonstrator renders him no aid whatever. He is no longer a young man with unlimited powers of endurance, and such aid as a qualified assistant could render, would increase the facilities for illustrating important regions often requiring more labor than one man can at the time bestow. In no other college known to us is such preparatory labor performed by the Professor of Anatomy alone. A competent man could also render valuable assistance to students by examinations.

We believe that \$500 a year would secure the services indicated, and therefore ask that the Faculty be authorized to select from the graduates such qualified persons as give promise of accomplishing the objects sought, to be paid \$250 a year each, for their service during the six

months of the session; that time being all that is suitable for the prosecution of this work.

Respectfully submitted,

A. B. PALMER, Dean.

The following report relative to "The Hospital, its Condition and Future Needs," was received and read by Professor D. Maclean, of the Medical Faculty of the Department of Medicine and Surgery :

*To the Honorable the Board of Regents of the University of Michigan :*

GENTLEMEN : The undersigned, committee of the Medical Faculty, desire to approach your honorable body for the purpose of calling your attention to the urgent necessity which exists for placing the University hospital upon a different footing in the future.

The conditions upon which this institution has hitherto been conducted have been such that the result could not be otherwise than unsatisfactory to the patients, humiliating to the Faculty, and discreditable to the University. In view of the inestimable importance of practical instruction, such as can only be acquired from living cases, the Medical Faculty have made persistent efforts to build up a clinical department, and the hospital ever since its inception has been the object of their warmest solicitude. For years the want of adequate facilities and material for clinical instruction constituted the only plausible objection which the opponents of the medical school were able to urge against it.

It is therefore matter of sincere gratification that, notwithstanding the comparatively inadequate hospital accommodations and equipment furnished by the University, our enemies can no longer reproach us with want of material for practical illustration of the treatment of patients.

The number, variety and importance of the cases treated before the students has rapidly increased from year to year, and for several years past all the essential requirements of a fundamental medical education have been fully met so far as clinical material is concerned.

This committee are decidedly of the opinion that the time has come when justice to all concerned demands that one or other of the two following alternatives should be adopted, viz: either the University hospital must be placed upon a respectable footing, or it must be closed and the public informed of the fact.

Very little argument is necessary to demonstrate that the former alternative is the one which should, if possible, be adopted. During the session just closed, upwards of six hundred patients have been treated at the University clinique, fully one-half of whom declined to avail themselves of the rather uninviting accommodations provided at the hospital.

Of these patients the great majority belonged to the surgical or the oph-



thalmological department, and with very few exceptions left here either completely cured or very greatly relieved. The benefit thus afforded directly is very apparent, and may be estimated, but it must not be forgotten that these cases were treated in the presence of nearly four hundred students of medicine, through whom indirectly an amount of benefit is afforded to the public which it is practically impossible to estimate. The closure of the hospital would inevitably give a most serious check to the current of patients which now flows annually in this direction, and which is of the utmost importance to the welfare and usefulness of the Medical Department.

Through the generosity of the last Legislature supplemented by that of the people of Ann Arbor, a very suitable building for a hospital has been provided, and now in order that the benefits of this generosity may be realized, it is only necessary that a small annual appropriation be made by which the ordinary and unavoidable running expenses of the hospital shall be provided for.

The following is a carefully considered estimate founded on past experiences, of the indispensable requirements:

Fuel and lighting, . . . . .	\$500 00
Supplies, . . . . .	300 00
Medicines, . . . . .	200 00
	<hr/>
	\$1,000 00
Salary of two nurses, one male and one female. . . . .	\$400 00
“ one Steward. . . . .	500 00
“ House Surgeon. . . . .	250 00
	<hr/>
	\$1,150 00

The undersigned would further respectfully suggest that the usefulness of the State University Hospital might be very materially enlarged, if arrangements could be made for the transportation to and maintenance in it of such cases as are to be found in every county house in the State, and which admit of successful treatment with the aid of hospital appliances, and which for the want of such appliances are permitted to languish and to die unrelieved, thereby inflicting a serious loss upon the State. For the treatment of all such cases the members of the hospital staff are perfectly willing to give their services without additional remuneration.

By this plan would much human suffering be relieved, and at the same time a very material saving to the State be secured.

The undersigned in conclusion respectfully ask that so much of this memorial as shall be deemed in your opinion proper, shall be forwarded

with the endorsement of your honorable body to the honorable the Legislature now in session.

All of which is respectfully submitted.

DONALD MACLEAN, M. D.,  
G. E. FROTHINGHAM, M. D.,  
E. S. DUNSTER, M. D.,

Committee.

Regent Cutcheon submitted the following resolution, which which was adopted :

*Resolved*, That the communication of the Dean of the Medical Faculty, and also the report of the committee of the Medical Faculty on the University Hospital, be referred to the Committee on the Medical Department.

Prof. Ford of the Department of Medicine and Surgery being present, by permission of the Board made a verbal statement relative to the present and future needs of the Department, particularly in reference to Histology and Physiology, and urged the importance of additional aid being furnished by the Board in order to meet the pressing wants of the times and of the institution itself.

On motion of Regent Rynd, the Board went into executive session, at the close of which it adjourned to 2 o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Ann Arbor, March 27, 1877. }

The Board reassembled in the rooms of the President at 2 o'clock P. M.

Present : A full Board, except Regents Grant and Estabrook.

A proposition from Messrs. Hicks and Ballard, of Detroit, "to erect gas works for generating gas from wood, water, carbon, and crude petroleum for lighting the University building," was presented by Regent E. C. Walker, and on his motion it was referred to the Committee on Buildings and Grounds.

A communication from Prof. Bradish relative to "Art Culture in the University," was also presented by Regent E. C. Walker, and referred to the committee on the Department of Literature, Science, and the Arts.

The committee appointed to revise the standing committees

of the Board submitted the following report, through their Chairman, Regent Cutcheon :

The Special Committee to whom was referred the matter of the re-arrangement of the standing committees would respectfully report that they have performed the duty assigned them, and would recommend the following assignment to committees :

*Executive Committee*—The President; Regents E. C. Walker, Cutcheon, and Collier.

*Finance Committee*—Regents Collier, Grant, and S. S. Walker.

*Committee on Literary Department*—Regents Estabrook, E. C. Walker, and Collier.

*Committee on Law Department*—Regents Grant, Cutcheon, and Rynd.

*Committee on Medical Department, Homoeopathic College and Dental School*—Regents Rynd, Climie, and S. S. Walker.

*Library Committee*—The President, Regents Cutcheon, E. C. Walker, and Estabrook.

*Committee on Museum, School of Mines, and Astronomical Observatory*—Regents S. S. Walker, Grant, and Estabrook.

*Committee on Chemical and Pharmaceutical Department, Buildings, and Grounds*—Regents Climie, S. S. Walker, and Rynd.

Regent S. S. Walker submitted the following resolution as a substitute for the report of the committee :

*Resolved*, That Regent Collier be and he is hereby placed on the same committees and in the same position occupied by Regent McGowan and made vacant by his resignation.

On a call vote, the substitute was lost, as follows : Ayes—Regents, E. C. Walker, Climie, and S. S. Walker. Nays—Regents Rynd, Cutcheon and Collier.

The question upon the adoption of the report of the committee having been called for, it was adopted on a call vote, as follows :

Ayes—Regents Rynd, E. C. Walker, Cutcheon, S. S. Walker, and Collier. Nays—None.

The following communication was received from the Dean of the Dental College :

UNIVERSITY OF MICHIGAN, DENTAL COLLEGE, }  
Ann Arbor, Mich., March 26, 1877. }

To the President and Honorable Board of Regents of the University of Michigan:

GENTLEMEN: The following named persons having completed the

prescribed course of study in the college of Dental Surgery, connected with the institution; and having passed a satisfactory examination, are hereby recommended for the Degree of Doctor of Dental Surgery.

Respectfully,

J. TAFT, Dean.

S. Brenton Hartman,  
Marion Holland,  
George Hugh Irvin,  
Victor Hugo Jackson,

Palemon John Kester,  
Peter McGregor,  
George Stephen Shattuck,  
Will Gilman Stowell.

The following resolution, submitted by Regent Rynd was adopted :

*Resolved*, That the degree of Doctor of Dental Surgery be conferred on the persons named above.

The following communication from the Dean of the Law Department was presented and read by Regent Cutcheon :

*To the Honorable Board of Regents of the University of Michigan :*

The undersigned on behalf of the Faculty of Law beg leave to report that the following named persons have pursued the regular course of instruction in the Law Department, have complied with its rules, and passed the prescribed examinations ;

Morris Abeles,  
Truman Edson Ames,  
Oscar Edward Angstman, B. S.,  
John Henry Baker,  
Frank A. Baldwin,  
Alton Will. Bennett,  
James Winch Bucklin,  
Thomas Bernard Buckner, B. S.,  
Albert Burgess,  
Otto Charles Butz,  
Silas Horatio Callender,  
James Wellington Carr,  
Francis Grigsby Carpenter,  
Edwin T. Cass,  
Ira Wallace Castle,  
George Warren Chamberlin,  
William Asbury Chase,  
William Tucker Coad,  
Alfred James Coates,  
Charles Louis Colvin,  
John Conner,  
Thomas C. Conrad,  
Charles Wilkins Cox,  
Thomas R. Crisup,  
John W. Creveling, B. A.,  
Adelbert Culver,  
William Tell DeBann,  
Charles N. Dolson,  
Melville Cox Ebright,  
James Clarence Ellis,  
Arnold W. Eschenburg,

Reuben H. Markham, B. A.,  
Hattie Mason,  
Richard Louis McDougall,  
Cassius Dixon McEwen,  
Joseph James McKee,  
Francis R. McKennon,  
E. William Loren McLaughlin,  
John Andrew McMahon,  
Donald McPherson, B. S.,  
Erastus F. Mearkle,  
John Michell,  
Samuel Murphy,  
Charles Bruce Moores, B. A.,  
Samuel Johnson Nelson,  
Henry Ohrns, Jr.,  
Charles Wallace Perry,  
Charles Leonidas Phelps,  
Frederick B. Phillips,  
Herman Pistorius,  
Walter Scott Powers,  
Frank A. Reid,  
Frank George Reynolds,  
Claudius M. Rivers,  
James C. Reiger,  
Millard F. Riggie,  
Reuben Roof,  
Dudley P. Safford, B. A.,  
Theodore Stanfield Shaw,  
John Evans Simonson, B. S.,  
Seymour C. Spencer,  
George Milton Sprout,

William Henry Fairchild,  
Frank Levi Fales.  
S. Olin Foster,  
Lucius W. Frazer,  
Isaac Andrew Gilbert,  
William D. Gilbert, B. A.,  
Charles Pierce Gilchrist, B. A.,  
Daniel Virgil Gore,  
Edward Alonzo Gott, Ph. B.,  
Darwin C. Griffin,  
Gerald Griffin,  
Hugh DeLoss Grigsby,  
Matthew Franklin Guinon,  
Frank Darius Hale,  
William Irving Hamilton,  
William Henry Harris,  
Whitman T. Hines,  
William T. Hodson,  
Charles Ripley Hopson,  
Robert Hovenden, M. A.,  
D. Darwin Hughes, Jr.,  
Lucius D. Johnson,  
Francis Everett Jones,  
W. Scott Judy,  
Francis Marion Landrum,  
Frank A. Larzelere,  
Myron Chatham Lingle,  
Medary Dale Mann,  
Nathan Abijah Mann,  
Ralph Norris Marble,

Calvin C. Staley, B. S.,  
Ashbel Green Stiner,  
Robert W. Stewart,  
Louis Stifel,  
Samuel Calvin Stough,  
Frank Hammond Sweet,  
James Tait,  
John Lafayette Talbot,  
Arthur Bruce Taylor,  
William B. Taylor,  
Louis Beuner Tuller,  
John A. Turner,  
Frank Bortle Tuttle,  
John Burgess Utt,  
Samuel Waldo Vandivert,  
Jeremiah Green Wallace,  
William Watts,  
William Henry Wells, B. A.,  
Franklin Emory Wheaton,  
G. Frank White,  
Girden O. Williams, M. A.,  
William Brown Williams, M. A.,  
Ariel Newton Wilson,  
Arion E. Wilson,  
George Adolphus Wood,  
Florentine C. Woodworth,  
John W. Yerkes, B. A.,  
Bertrand Dealton York,  
Alfales Young,  
Frank E. Young. Total, **122.**

The Faculty therefore recommend that the Degree of Bachelor of Laws be conferred upon them.

T. M. COOLEY, Dean of the Law Faculty.

Ann Arbor, March 27, 1877.

On motion of Regent Cutcheon the degree of Bachelor of Laws was conferred upon the persons named in the foregoing communication.

Regent Rynd submitted the following resolution, which was unanimously adopted :

*Resolved*, That the degree of M. D. be conferred upon the following named members of the Senior class of the Homoeopathic Medical College.

Erasmus Edward Adams,  
J. Albert Baker,  
Patrick Henry Bumpus,  
Juliet Caldwell,  
Charles Hercules Dale,  
Sarah P. Engle,  
John Oscar Garmon,

Chester S. Hubbard,  
Charles Perry Miller,  
Rollin Charles Olin,  
Warren Harvey Rand,  
Alexander Hamilton Rogers,  
George Albert Taber,

The following resolution, submitted by Regent Cutcheon, was adopted :

*Resolved*, That the question of allowing graduates of the Dental College to graduate from the Medical Department, upon taking one year's study and lectures in the Medical Department, in addition to the Dental course, and passing the customary examination in that Department, be referred to the Faculty of the Medical Department for report and recommendation.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*, That the Executive Committee be and are hereby instructed to report what action, if any, may be necessary touching the method of keeping the records of this Board, and that said report be made at the June meeting.

Regent Cutcheon offered the following resolution:

*Resolved*, That a portion of the University Hospital be set apart and placed under the direction and control of the Faculty of the Homoeopathic Medical College, to which section or ward of the Hospital shall be committed for treatment all such patients as shall elect that system of treatment: *Provided*, That such section or ward of the Hospital shall be subject to the same restrictions and regulations as to registration of cases, treatment and results, and in all other respects, that the other portions of said Hospital are subject to.

On motion the resolution was referred to the Committee on the Medical Department.

Regent S. S. Walker submitted the following resolution:

*Resolved*, That the matter of the communication of Prof. Morgan be referred to the Executive Committee for adjustment of the claim therein mentioned, and that the sum of \$90 or so much thereof as may be necessary be and hereby is appropriated subject to the order of the said committee for that purpose.

On motion the resolution was referred to the Executive Committee for adjustment, by vote as follows :

Ayes—Regents Rynd, E. C. Walker, Clinie, Cutcheon, S. S. Walker, and Collier. Nays—None.

Dr. Taft, Dean of the Faculty of the College of Dental Surgery being present, was permitted to make a verbal statement relative to the pressing wants of that Department, at the close of which the matter was referred to the Committee on Buildings and Grounds, for examination and report.

A communication from R. W. Corwin was received and placed on file.

The following report was submitted by Regent Climie, chairman of the Committee on Buildings and Grounds:

Your Committee on Buildings to whom was referred the question of the feasibility and expense of erecting gas works to light the buildings, in consideration of the subject first conferred with the Ann Arbor Gas-light Company, and secured a reduction of the price of gas to \$3 per thousand feet from and after January first, 1877, and have not further considered the subject.

Report accepted.

On motion the Board adjourned to to-morrow (Wednesday) morning at 8½ o'clock.

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UNIVERSITY OF MICHIGAN,  
Wednesday, March 28, 1877. }

The Board of Regents reassembled in the room of the President at 8½ o'clock A. M.

Present: The President; Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, and Collier.

Regent Rynd submitted the following resolution, which was adopted unanimously:

*Resolved*, That the Board of Regents appreciating the faithful services of John Franklin Curry, M. D., who has had charge of the Hospital during the term now ending, are pained to learn of his recent demise after a short illness, and hereby extend their sympathy to his afflicted wife and children.

*Resolved*, That a copy of this resolution be forwarded to the family signed by the President and Secretary of this Board.

The following report was presented and read by Regent Rynd, chairman of the Committee of the Medical Department:

**REPORT OF THE REGENTS' COMMITTEE ON THE MEDICAL DEPARTMENT.**

Your Committee on the Medical Department, to whom were referred the report of the Dean of the Faculty of the Department of Medicine and Surgery, the report of a committee of that Faculty, and various other papers relating to the Department, would respectfully report that careful attention has been given by them to all matters to which such reports and papers relate, and they herewith submit the unanimous opinion of the Committee relating thereto.

The first point to which your attention is called is the fact that

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#### PRELIMINARY EXAMINATIONS

are enforced in every instance, and with eminently satisfactory results. This is shown in the superior qualifications of the present graduating class. It is hoped that the standard will in every respect be gradually raised, and that, as the science of medicine advances, the Medical Department will occupy the front rank in furnishing

#### MEDICAL INSTRUCTION,

thus giving reputation to the University, doing honor to the State, and accomplishing more perfectly the work of relieving human suffering. With the object of making this Department of the University still more useful and efficient, and with the specific purpose of systematizing its enlarged and constantly enlarging course of study, your committee earnestly recommend the inauguration of a

#### FULL NINE MONTHS' COURSE OF LECTURES,

beginning on the first of October next, embodying all the latest researches in Medicine and the collateral sciences, and securing extended clinical advantages. The scheme of such extended course, properly graded, should be matured by the Faculties, and reported to the Board for adoption at the June meeting. This will, in justice to the eminent gentlemen who are engaged in the work of teaching medicine, involve an additional expenditure, which we trust the Legislature will furnish.

It is more than probable that such extension will somewhat reduce the size of the medical classes, while it will materially improve their quality. Any reduction of our numbers will, of course, cut down our resources. We cannot doubt that the Legislature will second our earnest determination to make this Department worthy of the University and of the State, and will furnish aid to meet any reduction of resources which may occur from this important advance in medical education. Our object is to give to the people the best possible quality, rather than a large quantity, and in this we anticipate the co-operation of all intelligent people.

In this connection we desire to call the attention of the Board to the following resolution which was unanimously passed by the alumni of the Medical Department, composed of many representative men in the profession, from many parts of the State, last evening:

**WHEREAS**, The Regents and faculty have repeatedly committed themselves to the policy of advancing the standard of medical education in the University,

**Resolved**, That the Alumni Association most heartily approve of the proposal now before the Board of Regents to extend the lecture term in the Department of Medicine and Surgery to nine months.

P. B. ROSE, Secretary.

This meeting was largely attended, and its action is an indication of a

W. W. W.



growing tendency on the part of the medical profession to fit itself more fully and perfectly for the noble work of a humane profession. It will be seen that the extension will involve one-third more labor than is now performed, and in justice to the members of the Faculties provision should be made for the increased labor. This will of course be contingent upon the action of the Legislature.

#### A PHYSIOLOGICAL LABORATORY,

including the teaching of Histology, is not simply important, but absolutely necessary. The science of medicine and the interests of the afflicted alike demand such an addition to our present means of instruction. The best colleges of the country have such facilities. It will be equally important for students of both schools. Twenty-five hundred dollars will, with economy, cover the expense the first year, and a thousand dollars per annum will meet the subsequent expense. It is respectfully urged that the Legislature afford us the necessary aid. Under our present arrangements no duplicating of this department will be necessary.

This department of science contemplates the study of the various tissues and component parts of the

#### HUMAN BODY,

and must be understood by our students as the ground-work of a correct knowledge of the various forms of diseased action. The result will be much more than commensurate with the small allowance solicited.

#### ADDITIONAL AID IN THE DISSECTING ROOM.

Your committee have carefully considered the report of the Faculty relating to this subject. While there can be no difference of opinion touching the importance of the recommendation made, yet in the present hampered condition of our finances, it were manifestly unwise to make any expenditure in the direction indicated. Unless, therefore, the legislature will furnish us aid for the purpose of the more thorough study of practical anatomy—a science fundamental to a thorough knowledge of medicine and surgery, and equally important to both schools of medicine now existing in connection with the University—the idea of expending any money for such purpose must for the present be abandoned.

If, however, any arrangement can be made by the medical faculty which will secure the services of two suitable young men, without expense, who shall be duly and officially recognized as assistants in such work, your committee recommend your approval of such contemplated action.

#### THE HOSPITAL,

is doing a work quite as important for clinical medicine as that which is



being performed by the Laboratory in the interests of chemical and pharmaceutical science. During the college year now ending, there have been treated in the

Surgical Department,	90
Ophthalmological,	122
Practical Medicine,	29
Diseases of Women,	3
	<hr/>
	244

In addition to this about 350 persons have been examined before the class, their cases have been explained to the students, and other necessary attention to them has been furnished gratuitously.

This is the largest number which has ever been presented for treatment in a single term in the history of the Medical Department.

Many of the operations performed have been of the most important character, and such as could not well be done at the homes of the patients; over thirty cases of persons blind from cataract have been successfully operated upon; the interests of the suffering have been thus guaranteed by the advanced professional science of the time in which we live, and the Department has not only accomplished well the work of communicating medical instruction to from 270 to 450 students every year, but has also proved its right to live because of the incalculable benefits conferred upon the diseased; making hundred of lives which were otherwise dependent on the charity of the public for support, useful: saving many from a premature grave, and giving comfort and joy to many a sorrowing home.

Dr. Frothingham alone has, during his connection with the Medical Department, operated upon more than 250 cases of cataract. We are pleased to add that the result has been in almost every case eminently successful; sight has been restored to the blind; instances of failure have been very exceptional.

During the college year of '75 and '76 about 450 persons received the benefits of clinical instruction.

Your committee regret to say that the hospital cannot possibly be continued unless aid be furnished for the proper and imperative work of the institution. A suitable person cannot be found to take charge of this humane interest without some remuneration; we can no longer ask the afflicted to come to us for care and treatment unless nurses be provided; certain essential improvements are imperatively needed; money is required, and there is no fund from which we are permitted to draw a dollar. The hospital can no more sustain itself without aid than can the Insane Asylum, or any other of our noble public charities, which are so generously supported by a humane and philanthropic people.

Your committee have no knowledge of any expressed desire of the

Homoeopathic Faculty to occupy for clinical work, a portion of the present Hospital buildings. Had such desire been communicated to us, we would not have hesitated for a moment in giving our sanction to the use of a portion of that institution. Indeed we distinctly understood from the President of the State Homoeopathic Society, in his official capacity, while addressing your honorable Board, that the Homoeopathists had no desire to occupy the hospital in connection with the other school.

We understood him as stating distinctly that they did not wish a place in the buildings now erected. Now understanding, however, that the Homoeopathic branch of the profession desire to engage in clinical work, (although no request has been made to us), we cheerfully grant them the use of such portion of the present Hospital as they may require, in accordance with the terms of the following resolution offered by Regent Cutcheon, referred to us, and to which we desire your assent:

*Resolved*, That a portion of the University Hospital be set apart and placed under the direction and control of the Faculty of the Homoeopathic College, to which section or ward of the Hospital shall be committed for treatment all such patients as shall elect that system of treatment: *Provided*, That such section or ward of the Hospital shall be subject to the same restrictions and regulations as to registration of cases, treatment and results, and in all other respects, that the other portions of said Hospital are subject to.

This will involve at least the expense of an additional nurse for nine months in the year. In view of the extra expense of maintaining the Hospital for nine months (instead of six); the extending of its work by the Medical Department; the affording its facilities to the Homoeopathic College: the absolute need of nurses, servants, fuel, lights, and other incidentals, your committee, with much earnestness, ask that this Board respectfully solicit from the Legislature a sum of not less than \$2,000 per annum. No other institution in the State will give so good returns on so small an investment.

Failing in securing the necessary aid the gratuitous work of our professors in the Hospital must cease; nor can we receive the afflicted when no provision exists for properly taking care of them.

CHARLES RYND,  
ANDREW CLIMIE,  
SAMUEL S. WALKER,  
Medical Committee.

On motion the report was accepted and adopted by vote, as follows:

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, and Collier.

The Executive Committee to whom was referred the resolution of Regent S. S. Walker relative to the claim of Dr. J. C.

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Morgan for money paid for account of the University, submitted the following resolution through Regent E. C. Walker :

*Resolved*, That the sum of ninety dollars be paid to Prof. J. C. Morgan for expenses incurred by him at Philadelphia in connection with the Centennial exhibition of the University.

The resolution was adopted by the following vote :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, and Collier.

Regent Climie, Chairman of the Committee on Buildings and Grounds, submitted the following report, which on motion of Regent E. C. Walker was accepted and adopted :

*To the Honorable Board of Regents :*

Your Committee on Buildings and Grounds to whom was referred the question of the feasibility and expense of heating all the University buildings by steam from one central boiler house, have concluded that the plan is feasible and recommend that the Professor of Architecture be requested to furnish a plan for such boiler house.

All of which is respectfully submitted.

A. CLIMIE, for the Committee.

The following resolution was submitted by Regent S. S. Walker :

*Resolved*, That Miss Louisa M. Reed be and is hereby continued for the present year assistant in the Museum at her former salary of \$30 per month.

The resolution was adopted by the following vote :

Ayes—Regents Rynd, E. C. Walker, Climie, S. S. Walker, and Collier.

Regent E. C. Walker submitted the following resolution :

*Resolved*, That 800 copies of the report of the Committee on the Medical Department be printed for the use of the Legislature and the Board of Regents.

Adopted by vote as follows :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker and Collier.

On motion of Regent Rynd, the communications of Dr. Palmer and the Medical Faculty were ordered printed in the minutes.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*, That the Committee on Buildings and Grounds present full and complete reports on the expenditures entailed by the erection of hospital buildings and the construction of water works, said reports to be presented at the June meeting.

The following resolution was presented by Regent Cutcheon, and was adopted :

*Resolved*, That the whole matter of the proper method of keeping the accounts of the University, the accounting between the Board and the officers of the University, the matter of bonds and frequency of rendering accounts, be referred to the Finance Committee, with instructions to report a full system of accounts, vouchers and accountings, at the next meeting of this Board.

Regent S. S. Walker submitted the following resolution, which was unanimously adopted :

*Resolved*, That the Treasurer of the University, under the direction of the Chairman of the Finance Committee be authorized to make such temporary loans as may be necessary to meet any needed payment between the present date and the next meeting of the Board, provided such loans shall not exceed in the aggregate the sum of \$12,000.

On motion of Regent Cutcheon the Board adjourned until 4 o'clock P. M.

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UNIVERSITY OF MICHIGAN, 7  
Monday, March 28, 1876. }

The Board reassembled at 4 o'clock P. M. in the room of the President.

Present: The President: Regents Rynd, E. C. Walker, Clinie, Cutcheon, S. S. Walker, and Collier.

A communication was received from F. A. Rockwith, M. D., preferring charges of unprofessional conduct against Professor Maclean, which, on motion, was referred to the Executive Committee.

By request of Regent E. C. Walker the business of the meeting was suspended to enable the Executive Committee to withdraw, consider, and report forthwith upon the subject matter contained in the communication of Dr. F. A. Rockwith. The committee having retired, carefully examined the subject under considera-

tion, and on resuming their seats Regent E. C. Walker stated that it was the opinion of the Committee that the charge of "unprofessional conduct" was one of veracity simply, and that the committee deemed it unwise for the Board under existing circumstances to give the subject further consideration. He therefore moved that the whole matter lie on the table.

The motion prevailed.

The following resolutions were submitted by Regent E. C. Walker, and on motion of Regent S. S. Walker, were unanimously adopted :

*Resolved*, That the Board of Regents of the University of Michigan heard with great regret of the death of Hon. Elon Farnsworth, of Detroit. He was one of the founders of this now great University, one of the few men to whom this State owes more than it can appreciate or repay, from the wisdom and carefulness with which they laid broad and deep the foundations of the first successful State University of our country. He was an active and influential Regent, both *ex officio* as Chancellor of the State, and also for many years by appointment. His care, judgment, thorough culture and extended reading were influential in the formative period of the institution. His monument is about us to day.

*Resolved*, That a copy of these resolutions, signed by the President and the Secretary, be furnished the family.

Regent Cutcheon in behalf of the Executive Committee of the Board of Regents, submitted the following preamble and resolution, to-wit:

**WHEREAS**, There has been and now is pending in the Circuit Court for the county of Washtenaw, a suit wherein this Board is complainant and Preston B. Rose, Silas H. Douglas and Rice A. Beal and others are defendants;

**AND WHEREAS**, The bill of complaint in said cause is framed upon the theory of the report made to this Board at the June meeting, 1876, that all the so-called laboratory receipts were and are in the hands of said Rose;

**AND WHEREAS**, Subsequent events seem to require a modification of said bill in chancery, therefore,

*Resolved*, That it is the sense of this Board, and the solicitor of this Board is hereby instructed that it is the wish of the Board that said bill of complaint be so amended as to put the said defendants Rose and Douglas upon an exact equality of footing as defendants in said suit,

both in the allegations of the stating and charging part of said bill, and in the prayer of said bill, to the end that a full and complete accounting may be had with each of said defendants, as to any and all moneys whatsoever that may remain in the hands of either of them, whether as deposits, laboratory receipts or otherwise.

Regent Climie offered the following as a substitute for the preamble and resolution of Regent Cutcheon :

*Resolved*, That the Board of Regents of the University of Michigan through their Executive Committee do hereby authorize a discontinuance of the suit in chancery in the county of Washtenaw entitled "The Regents of the University of Michigan, complainants vs. Preston B. Rose, Silas H. Douglas and Rice A. Beal and Willard B. Smith, John S. Wilson and Harvey S. Street, executors, defendants.

At the close of the discussion on the resolution offered by Regent Climie as a substitute for the preamble and resolution of the executive committee submitted by Regent Cutcheon, an aye and nay vote was called for on the substitute, and the result was as follows :

For the substitute : Ayes—Regents Rynd and Climie.

Nays—Regents E. C. Walker, Cutcheon, S. S. Walker, and Collier.

The resolution was lost.

Mr. R. A. Beal being present asked leave to address the Board relative to the suit now pending in chancery in which he is one of the defendants. Permission was granted.

The discussion being closed, the vote on the adoption of the preamble and resolution submitted by Regent Cutcheon was taken, and resulted as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, and Collier.

Nay—Regent Rynd.

The preamble and resolution were adopted.

The following resolution was submitted by Regent Rynd :

*Resolved*, That Professor S. H. Douglas be dismissed from the employ of the Regents.

Regent S. S. Walker moved that the resolution be laid upon the table. The motion was supported by Regent E. C. Walker, and lost by the following vote :

Ayes—Regents E. C. Walker and S. S. Walker.

Nays—Regents Rynd, Climie, Cutcheon, and Collier.

The question recurring upon the resolution of Regent Rynd, it was adopted by the following vote :

Ayes—Regents Rynd, Climie, Cutcheon, and Collier.

Nays—Regents E. C. Walker and S. S. Walker.

Regent Cutcheon submitted the following resolution which was adopted.

*Resolved*, That the Executive Committee be requested to press the pending chancery suit to a final determination with the least practicable delay.

Regent Collier submitted the following resolution :

*Resolved*. That the sum of one hundred and twelve and nine one-hundredths dollars be and hereby is appropriated for Regents' expenses.

The resolution was adopted by vote as follows :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker and Collier.

Regent Rynd presented the following resolution, which was adopted ;

*Resolved*, That the President and Executive Committee be and are hereby authorized to fill until June 30th next the vacancy occasioned by the dismissal of Dr. S. H. Douglas.

On motion of Regent Rynd, the Board adjourned.

H. D. BENNETT, Secretary.





## SPECIAL MEETING.

UNIVERSITY OF MICHIGAN, }  
Tuesday, May 1, 1877. }

The Board of Regents assembled in the room of the President at 7 o'clock P. M., on call of the President.

The following paper explains the object of the call :

*To the President of the University:*

The undersigned Regents, in view of the best interests of the University, and with an earnest desire to secure harmony with the Legislature in the matter of just and necessary appropriations, ask that a meeting of the Regents be called at the earliest day practicable, in conformity with the by-laws of the Regents, and that the chairman of the Senate committee, and also the chairman of the House committee on the University be invited to attend such meeting for consultation, touching all matters referring to the important financial interests of the University, including much needed appropriations.

C. RYND,  
ANDREW CLIMIE, •  
J. ESTABROOK,

Regents.

Present: The President; Regents Estabrook, Grant. Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, and Collier.

There were present by invitation, the Hon. L. J. Taylor, chairman of the Senate Committee on the University, the Hon. C. B. Mills, chairman of the House Committee on the University, Hon. A. Felch and Hon. C. I. Walker, solicitors of the Board of Regents in the chancery suit now pending in the courts. There were also present Hon. R. J. Kelley, of Alpena, Hon. Charles Mosher, of Hillsdale, Hon. J. C. Sawyer, of Lenawee, Hon. D. W. Sharts, of Shiawassee, Hon. T. B. Woodworth, of Huron, Hon. E. B. Norris, of Washtenaw, and Hon. G. F. Edwards, of Berrien, members of the Legislature, who were invited to remain in the executive session of the Board.

The meeting was called to order and opened with the reading of the scriptures and prayer by the president.

On motion of Regent Rynd the minutes of the last meeting were approved as printed.

The following preamble and resolutions were submitted by Regent Rynd, and adopted unanimously :

**WHEREAS**, The Honorable Michael A. Patterson, M. D., ripe in years, honored by his fellow citizens, eminent in his profession, and, through a long life of earnest labor, distinguished for good works, has, since the last meeting of this Board of Regents, been called to his reward, therefore,

*Resolved*, That we recognize the eminent services rendered by him in the founding and upbuilding of this University: his wisdom and devotion to her interests when acting for many years as a Regent: his high culture: his great usefulness as a citizen and as an eminent member of the medical profession: and his unblemished personal character.

*Resolved*, That our sympathies and kindest regards be and are hereby tendered to the afflicted family of which he was the honored head.

*Resolved*, That a copy of these resolutions be forwarded to the family of the deceased, duly signed by the President and Secretary, and that this action be spread upon the records of the Board.

On motion of Regent Cutcheon a duplicate diploma was granted Mr. Charles Hurd, M. A., of Manistee, class of 1862, (satisfactory evidence of the loss of the original by fire, on the 9th day of October, 1871, having been furnished the Board,) on payment of the usual fee.

Regent Cutcheon moved that the Board of Regents go into executive session for the purpose of a free and informal consultation with the members of the Legislature then present. The motion prevailed, and after the close of the executive session, the unfinished business of the meeting was resumed.

The President stated that he was in possession of a paper which he desired to read, and then to submit to the consideration of the Regents. The reading of the paper was by vote called for.

*To the Honorable the Chairman and Members of the Joint Committee upon the University of the Senate and House of Representatives :*

**GENTLEMEN:** The undersigned members of the Legislature of the State of Michigan, having heard the report made by your honorable committee concerning the defalcation in the laboratory of said University,

and after having carefully considered the same, and the subject matter thereof, we are clearly of the opinion that said report is a just, faithful, and reliable statement of the facts in connection with said defalcation, and that the conclusions you have therein arrived at are the correct ones, and are fully sustained by the facts.

And believing further that any money expended in the prosecution of Dr. Rose is not only a useless expenditure of the people's money, but is an expenditure for an unjust prosecution, if not indeed a persecution of an innocent man. And that it is due to the State as well as to the individual that no stain shall be suffered unjustly to remain upon any of its citizens, therefore we most earnestly solicit your honorable committee to respectfully request the Board of Regents of said University to call a meeting of said Board at as early a day as possible and thereat to take such action that

1st. Said Preston B. Rose be restored to his old position in said laboratory.

2d. The \$831 unjustly obtained by said Rose by Dr. Douglas as director of the laboratory, as well as the amount of salary due said Rose at the time he was dismissed from said Laboratory be paid to said Rose: and

3d. That all suits pending against said Rose be withdrawn.

John T. Rich,  
H. H. Hoyt,  
D. B. K. Van Raalte,  
S. B. Brown,  
R. Reed,  
S. R. Billings,  
Silas Ireland,  
Lester Curtis,  
A. J. Sawyer,  
Stanley W. Turner,  
E. B. Norris,  
U. D. Hall,  
James Lee,  
Charles D. Little,  
O. K. White,  
E. J. Welker,  
Richard Keeler,  
S. L. Baldwin, (except to reinstate  
J. W. Stinchcomb,       Rose)  
W. W. Johnson,  
Wm. Allman,  
Samuel Johnson,  
S. R. Stevens,  
A. B. Cheney,  
Jerome Winchell,  
Paul Gies,  
Lucien B. Miller,  
S. A. Yeomans,  
R. K. Twadell,  
E. P. Hill.

J. E. Ferguson,  
M. D. Elliott,  
O. O. Stanchfield,  
C. Eaton,  
A. D. Rork,  
John S. Thomson,  
Geo. E. Steel,  
H. H. Stafford,  
D. W. Sharts,  
John Willett,  
G. W. Sackrider,  
S. W. Hopkins,  
L. H. Ludlow,  
J. L. Gibbs,  
S. M. Stephenson,  
Wm. S. Turck,  
C. W. Stone,  
E. V. Chase,  
A. C. Davis,  
J. C. Sawyer,  
T. B. Woodworth,  
Stephen Martin,  
S. D. North,  
S. Howland,  
Giles Ross,  
Newton Baker,  
Samuel Nixon,  
L. H. Canfield,  
Thomas Morrison,  
C. Mosher.

Louis Dillman,  
J. B. Jewell,  
G. B. Markham,  
James Walkinshaw,  
J. N. Valade,  
George M. Smith,  
J. Parsons,  
M. A. Dowling.

G. T. Edwards,  
E. P. Allen,  
John D. Jones,  
N. Knight,  
W. H. Palmer,  
Geo. W. Crandall,  
C. W. Prindle,  
J. J. Gould.

All of the House of Representatives.

STATE OF MICHIGAN, HALL OF REPRESENTATIVES. }  
Lansing, April 10, 1877. }

Respectfully referred to the Hon. Board of Regents of the University with our recommendation that the requests therein contained shall be granted, if in their judgment the best interests of the University shall be thereby promoted.

L. J. TAYLOR.  
R. B. C. NEWCOMB,  
T. H. HINCHMAN,

Committee on the University of the Senate.

C. B. MILLS,  
FITCH PHELPS.  
R. J. KELLY.  
WM. McARTHUR,

Committee on the University of the House.

At the conclusion of the reading of the petition by the President, Regent Cutcheon moved that it be respectfully received and that it be printed in the minutes. The motion prevailed.

There was then a prolonged informal conference between the Board and the counsel for the University and the members of the Legislature present.

On motion of Regent Grant, the resignations of Hon. Alpheus Felch, of Ann Arbor, and Hon. C. I. Walker, of Detroit, solicitors of the Board of Regents in the chancery suit now pending in the Circuit Court of Washtenaw county, State of Michigan, against P. B. Rose and S. H. Douglas, were accepted.

Regent Grant submitted the following resolution :

*Resolved*, That the Executive Committee of this Board be and hereby are authorized to employ legal counsel in the chancery suit now pending against Preston B. Rose, and Silas H. Douglas, in the circuit court of Washtenaw County.

Regent Rynd submitted a substitute for Regent Grant's resolution, which, after a brief discussion was withdrawn ; whereup-

on the following resolution was submitted by Regent Cutcheon as a substitute for the resolution of Regent Grant:

*Resolved*, That in deference to the recommendation of the committee of the Legislature the bill in chancery now pending in the circuit court for the county of Washtenaw entitled "The Regents of the University of Michigan, complainants, vs. Preston B. Rose, Silas H. Douglas, and Rice A. Beal, and Willard B. Smith, John Q. Wilson and Harvey S. Street, Executors, defendants," be dismissed as to Preston B. Rose and his sureties, and that the bill be amended so as to cover a full and complete accounting with Dr. S. H. Douglas, and be prosecuted to a speedy decree.

At the close of the discussion on the resolution offered by Regent Cutcheon as a substitute for the resolution of Regent Grant, the President announced to the Board that he held in his hand a communication from Dr. Douglas, which he was requested to present to the Board. The reading of the paper having been called for, it was read by the President, and is as follows:

ANN ARBOR, May 1, 1877.

*To the Board of Regents:*

At your present meeting you will probably be asked, among other things to discontinue the chancery suit which you have instituted against Rose and myself for an accounting in respect to the Laboratory deficit.

You will be asked to do this on the faith of the recent report of the Legislative committee, without any examination or opportunity for examination, by yourselves of the evidence upon which the findings of that report, so radically different from those of your own committees, professes to be based. I say without opportunity, because the evidence is but just published, and there has as yet been no time for its examination.

Of the report itself it does not become me to speak. That must be judged of for the present by what is apparent upon its face, reading it in the light of the fact that the committee persistently refused to allow any oral cross-examination of witnesses, or any oral argument upon the evidence, and grudgingly and at the last moment consented to receive briefs from counsel which were not to exceed thirty pages, thus voluntarily depriving themselves of most of the ordinary means of avoiding errors.

I have altogether too much self-respect even to deny the extraordinary imputations of this report. I have lived in this State nearly forty years, and have been connected with the University for upwards of thirty years of this period. My relations with its citizens, business, social and educational, have not been limited. Very many of them have known me well, and not a few intimately. They have had ample means of judging whether I am truthful and honest or otherwise. I have lived in vain if the confidence of any man who knows me could be impaired by such a

report as this Legislative committee have made: and I have the satisfaction of knowing, inexplicable as the fact may appear to my traducers, that it has not been so impaired in the slightest degree. But I am painfully conscious, almost too painfully, to admit of expression, that this report has injured my good name with that larger public beyond the limits of my personal acquaintance, who know nothing of me except what this committee have told them, and are wholly uninformed as to the influences which have culminated in that remarkable document. I am conscious that to some extent that injury is irreparable.

It would be an easy task to expose the errors, or worse than errors of that report, both in its findings in regard to the main facts in controversy, and in respect to innumerable matters of detail. But the great volume of the evidence, its peculiarly dry and uninteresting nature, relating as it does to innumerable matters of mere detail, renders public criticism of it practically unavailing as a means of repelling its aspersions.

What I ask now, and I submit I am in justice entitled to it, what I have asked before unceasingly, is a judicial investigation and determination as to who embezzled the laboratory deficit.

Sooner or later, in some form or mode of proceeding, that investigation and determination must be had unless you are content to lose the embezzled money. The only question is, when, before what tribunal, and in what form of proceeding

I ask that this investigation and determination shall be had at the earliest moment practicable, in that form of proceeding which is best adapted to the nature of the subject matter to be investigated, and by the tribunals most competent to arrive at correct conclusions, and to do exact and equal justice.

This I have a right to ask, if not to demand at your hands.

I respectfully submit that all these ends can be accomplished by the speedy prosecution to a final hearing of the pending chancery suit against all who are now defendants on the record, and they can be fully accomplished in no other way.

That suit is now pending and in readiness for hearing in June. No new suit which might be instituted could probably be brought to trial or hearing at so early a period.

The form of that proceeding, I am advised, is the only one known to our system of jurisprudence, which is adapted to the investigation of such matters as are here involved. This the court in which the suit is pending have already decided. On the demurrer of some of the defendants to your bill, that court has held that the proper remedy in such a case as this is in equity, and they have so held on the ground that there is no complete and adequate remedy at law: that the subject matter of it is unfit for investigation in an action at law by a jury.

No one who is not afraid the truth will be brought to light, and justice done, will object to the fitness of the tribunal before which this cause is pending, or that to which it may be taken by appeal. The supreme court is the highest court known to our laws. It commands, as it deserves public confidence in the highest degree. On appeal in this suit it will review every finding of the court below in respect to matters of fact as well as of law, and may bring up and inspect the mass of documentary evidence which must constitute the main basis of any intelligent conclusion. Its decision and that alone can now put an end to popular agitation. The verdicts of juries would probably only tend to increase it.

The request that this chancery suit shall be wholly discontinued is so unreasonable that it will probably be abandoned after a brief struggle. But you will be urged with extreme pertinacity to discontinue it as to Rose and his sureties.

Whether a discontinuance as to these parties can or cannot be reasonably asked for on the faith of the committee's report, and without inquiry by yourselves, whether having a due regard to the interests of the University in reclaiming to its treasury the missing funds, a discontinuance would be wise or prudent, are matters with which I have no especial concern, and of which I do not propose to speak.

To me pecuniarily, it is of little moment as to whether there is a discontinuance as to Rose and his sureties or not. If the suit now pending goes on as against me alone to a final decree, that decree will afford me the same protection against all future pecuniary claims as if Rose had remained a party, whatever may be the result of any subsequent suit against Rose. Beyond the expense it may impose on me of attending two accountings instead of one, the discontinuance as to Rose will not affect my pecuniary interest in any manner whatever.

But such interests are to me matters of secondary importance. What I chiefly care for now is the vindication of my character from the aspersions of the Legislative committee; and for this purpose mainly I desire, and unless there are strong counterbalancing equities in favor of others, as I think there are not, I have a right to ask that when this suit is brought to hearing and an accounting is had with respect to this laboratory money, all the parties who are interested in charging me with it, or with any portion of it, shall be before the court, and shall be compelled, for the protection of their own interests to make the strongest case they can against me, and to appeal to the court of last resort if the result in the circuit court is not to them satisfactory; that they shall be compelled to make their case against me then and there, or forever after hold their peace. I desire that no door shall be left open for the charge that any decree in my favor is collusive: a charge which, however groundless will certainly be made, and in the present state of the public mind will



gain no little credence if the suit is against me alone. I wish an end to this controversy, and in no way except by retaining Rose on the record do I see any prospect of it being brought to an end within any reasonable time.

In this, and indeed in all things I have asked of you, I believe the great interests which you represent are in complete harmony with my own.

SILAS H. DOUGLAS.

The reading of the above paper having been concluded a call vote on the resolution of Regent Cutcheon offered as a substitute for that of Regent Grant, was demanded, and the result was as follows :

Ayes—Regents Rynd, Climie, Cutcheon, and Collier.

Nays—Regents Estabrook, Grant, E. C. Walker, and S. S. Walker.

The resolution of Regent Cutcheon was lost.

The question recurring on Regent Grant's resolution, it was adopted.

Regent Grant moved that the Board adjourn to to-morrow at 9 o'clock A. M.

A call vote was demanded, and the motion was lost by the following vote :

Ayes—Regents Estabrook and Grant.

Nays—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, and Collier.

Regent Rynd submitted the following preamble and resolution which were adopted :

WHEREAS, the chancery bill as amended in which the Regents of the University of Michigan are complainants and Preston B. Rose, Silas H. Douglas, Rice A. Beal, and others are defendants, fails to ask for an accounting in divers and sundry matters brought to light in the recent investigations relating to the so-called "laboratory deficit;" and

WHEREAS, the interests of the University and the claims of the people of the State demand that all the rights of the institution be justly and equitably ascertained and secured in regard to all matters connected with or growing out of the recent investigations: and,

WHEREAS, no accounting is asked for in the chancery bill, as amended, in regard to the following matters, to-wit :

1st. Certain defalcations occurring before the connection of Rose with the Laboratory, in April, 1866, amounting, so far as ascertained, to about \$150.00.

2d. Errors in footing, erroneous charges and omissions from 1863-'64 till the month of March, 1877, of about \$500.

3d. Interest charged by the late Director, when it is alleged the University, in that department, has been constantly in funds, to the amount of \$926.88, or more.

4th. One hundred dollars returned as paid to Rose in 1868-'69 for which no voucher has been exhibited.

5th. Two warrants issued in July and September, 1874, respectively, amounting to \$275, for which no vouchers exist and which have not been accounted for by the late Director.

6th. Commissions charged by the late Director, without warrant, contract, authority, or resolution on the part of the Regents, which amount in the aggregate to \$3,672.13, less the sum of \$375 agreed to be paid by resolution of the board of Regents, on March 29th, 1864, together with any other commissions which may have been charged by Dr. Douglas.

7th. Traveling expenses charged by Dr. Douglas without authority or resolution of the Regents, a portion of which, it is alleged, were not incurred in transacting any business for the University, amounting to about \$998.58, so far as ascertained.

8th. Any and all moneys which appear or may appear to have come into possession of the late Director, never having passed through the hands of Rose, and which have not been duly, justly, and equitably accounted for to the Board of Regents: therefore.

*Resolved*, That the executive committee be and is hereby instructed and required to cause such amended bill to be still further amended, praying the court to afford the complainants relief by causing an accounting to be made in the matters above stated.

Regent Rynd announced to the Board that Mr. R. A. Beal desired to submit a proposition for the settlement of the Rose-Douglas controversy, which was read by the Regent. He also requested that Mr. Beal be allowed to appear before the Board and be heard in explanation of his proposition. Objected to. On a call vote the result was as follows:

Ayes—Regents Estabrook, Rynd, Climie, Cutcheon, and Collier.

Nays—Regents Grant, E. C. Walker, and S. S. Walker.

Permission being thus granted, Mr. Beal appeared and addressed the Board. He desired the Board to submit the laboratory controversy to arbitration.

On motion of Regent Rynd the Board adjourned to 9 o'clock A. M. to-morrow (Wednesday) May 2, 1877.

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UNIVERSITY OF MICHIGAN. )  
Wednesday, May 2, 1877. )

The Board of Regents reconvened in the room of the President at 9 o'clock A. M., and held an open session.

Present: A full Board.

The counsel of Dr. Douglas being present was asked if his client would submit the laboratory question to arbitration, and he declined, preferring to leave the matter in the courts. Mr. Beal's proposition was then withdrawn.

Regent Rynd submitted the following resolution:

*Resolved*, That the amount first paid by Dr. Rose to Dr. Douglas after the discovery of the alleged defalcation, to wit, \$831.10, be returned to Dr. Rose, contingent upon his further securing the Regents in the matter of any judgment which may be found against him to the above extent.

At the close of the discussion on Regent Rynd's resolution Regent E. C. Walker offered the following resolution, which was adopted:

*Resolved*, That the above resolution be referred to the finance committee with power to examine into the amount of the sum so stated, which should be refunded, if any, to Dr. Rose, and with power to refund the same to him, on filing the bond contemplated in the resolution.

Regent Rynd presented the following resolution, which was adopted:

*Resolved*, That the Executive Committee be requested to require Dr. Douglas to file a good and sufficient bond covering any judgment which may be found against him, in the amended chancery bill now pending.

The following resolution was submitted by Regent Climie:

*Resolved*, That the Secretary of the Board be and is hereby authorized to draw from the treasurer of the University the sum of seventy-two dollars, balance due Richard Tregaskis for services as accountant, and pay the same to him.

The resolution was adopted by the following vote:

Ayes—Regents Estabrook, Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, and Collier.

Regent Grant submitted the following resolution, which was adopted:

*Resolved*, That the executive committee be and they are hereby instructed to bring the present chancery suit between this Board and S. H. Douglas and P. B. Rose and his bondsmen to a hearing at the coming June term of the Circuit Court for the county of Washtenaw.

A committee of the senior class having presented a petition for permission to have dancing at their reception in University Hall, the following resolution was submitted by Regent Climie :

*Resolved*, That the request of the senior class of the University be granted in reference to the question of dancing in the Hall of the University on Tuesday evening of Commencement week.

At the close of the discussion of the resolution, Regent S. S. Walker moved that it be laid upon the table.

The motion of Regent Walker was lost on the following vote :  
Ayes—Regents Grant, Climie, and S. S. Walker.

Nays—Regents Estabrook, Rynd, E. C. Walker, Cutcheon and Collier.

The question recurring on the adoption of the resolution submitted by Regent Climie, it was lost by vote as follows :

Ayes—Regents Grant, Climie and S. S. Walker.

Nays—Regents Estabrook, Rynd, E. C. Walker, Cutcheon, and Collier.

Regent Collier submitted the following resolution :

*Resolved*, That the sum of \$192.65 be and is hereby appropriated for Regents' expenses.

The resolution was adopted by the following vote :

Ayes—Regents Estabrook, Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, and Collier.

On motion the Board adjourned.

H. D. BENNETT, Secretary.

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## OCTOBER MEETING.

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UNIVERSITY OF MICHIGAN, }  
October 11, 1877. }

The Board of Regents assembled in the room of the President at 10 o'clock A. M.

Present the President, Regents Estabrook, Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker and Duffield.

The meeting was called to order and opened with devotional services by the President.

On motion of Regent Rynd, the proceedings of the last two meetings were approved as printed.

The presentation of reports being in order, the President announced that his annual report had been prepared. The reading of the report was called for, Regent Climie in the Chair.

### PRESIDENT'S REPORT.

*To the Honorable the Board of Regents:*

I have the honor to present my report for the year ending June 30, 1877.

The following changes have taken place in our Faculties:

In March, 1877, Silas H. Douglas, M. A., M. D., Professor of Metallurgy and Chemical Technology and Director of the Chemical Laboratory, was dismissed. In June, 1877, Raymond C. Davis was appointed Librarian to succeed Rev. Andrew Ten Brook, M. A., on the first of October. Owing to the failure of appropriations for the School of Mines (including the School of Architecture), W. L. B. Jenney, C. E., Professor of Architecture and Design, asked and received leave of absence for two years, and W. H. Pettee, M. A., Professor of Mining Engineering, resigned his chair. Prof. Pettee was then appointed Professor of Geology, in charge of Mining Engineering. John W. Langley, S. B., M. D., who had filled the chair of General Chemistry an

Physics, was made Professor of General Chemistry, in charge of Metallurgy. Charles K. Wead, M. A., was elected Acting Professor of Physics. The resignation of Mark W. Harrington, M. A., Assistant Professor in charge of Zoölogy and Botany, was accepted. The title of Joseph B. Steere, Ph. D., was changed so as to read, Assistant Professor of Zoölogy and Paleontology. Volney M. Spalding, M. A., was elected for another year Instructor in Zoölogy and Botany. Otis C. Johnson, M. A., Assistant in the Chemical Laboratory, was appointed also Purchasing Agent for the Laboratory. Owing to the pecuniary necessity of reducing for the present the number of our teachers, leave of absence for an indefinite period was granted to Alfred Hennequin, M. A., Instructor in French and German, to Charles N. Jones, M. A., Instructor in Mathematics, and to Abram V. E. Young, Ph. B., Ph. C., Assistant in Chemistry and Physics. The Executive Committee, under instructions given them at the June meeting, have appointed Miss Louisa M. Reed, M. S., Assistant in the Microscopical Laboratory. D. J. Higley, B. A., Assistant in the Museum, Henry B. Parsons, Ph. C., and Henry Stecher, Assistants in the Chemical Laboratory, and William H. Dorrance, Demonstrator in the Dental College. Charles H. Stowell, M. D., was appointed in June Instructor in the Physiological Laboratory.

In the Homöopathic Medical College John G. Gilchrist, M. D., was appointed Lecturer on Surgical Therapeutics for the coming year, and W. J. Hawkes, M. D., was elected Professor of Theory and Practice of Medicine in place of J. C. Morgan, M. D.

The number actually engaged in instruction last year was fifty-one. Two Assistant Professors were absent by permission, pursuing studies in Europe.

The attendance of students was as follows :

*Department of Literature, Science, and The Arts.*

RESIDENT GRADUATES.....	14
SENIORS.....	64
JUNIORS.....	73
SOPHOMORES.....	71
FRESHMEN.....	132
IN SELECT STUDIES.....	15
Total.....	369

*School of Pharmacy.*

SECOND YEAR.....	29	
FIRST YEAR.....	35	
	<hr/>	64

*Department of Law.*

SENIORS .....	124	
JUNIORS.....	185	
	<hr/>	309

*Department of Medicine and Surgery.*

STUDENTS—Total.....	285
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*Homœopathic Medical College.*

STUDENTS—Total.....	51
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*Dental College.*

STUDENTS—Total.....	33
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	1111
Deduct name twice mentioned.....	1

Total in the University.....	1110
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A few more than half of the total number, to be exact, 52 per cent. were Michigan students. In the year previous, exactly one-half were from our State. The proportion of Michigan students to the whole number is slowly increasing from year to year. Still the attendance from other States is gratifying. Last year Illinois sent us 103, Ohio 72, New York 71, Pennsylvania 41, Indiana 37, Wisconsin 30, Minnesota 27, Iowa 17, Missouri 16, Kansas 13, California 13. As usual, we had representatives from all the New England States. We had one student from Russia, one Armenian from Asiatic Turkey, and one Japanese.

The number of women in attendance was 97, as follows: Department of Medicine and Surgery, 36; Homœopathic Medical College, 9; Law Department, 2; School of Pharmacy, 2; Department of Literature, Science and the Arts, 48. These last were distributed thus: Resident Graduate, 1, Seniors, 12, Juniors, 8, Sophomores, 9, Freshmen, 15, Select Courses, 3. The proportion of women to men scarcely changes from year to year. The women form a little less than nine per cent. of the whole number of students. It is very gratifying to see how readily the more gifted young women, who have graduated here, especially



those who have taken the classical course, have secured conspicuous positions as teachers in High Schools, Seminaries of advanced grade, and Colleges for women. In those positions they are justifying the wisdom of the Regents, who opened to them the opportunities for a thorough collegiate training in this institution, and are doing their full part in winning a reputation for the University. Since we are pledged to the co-education of the sexes, it is with special interest that we see one after another of the higher schools of Europe admitting women to courses of study and to degrees, and that we see women, there as here, winning their fair share of the honors awarded to brilliant scholarship.

Degrees were conferred during the past year as follows :

Pharmaceutical Chemist .....	28
Civil Engineer.....	5
Bachelor of Science.....	11
Bachelor of Philosophy.....	19
Bachelor of Arts.....	39
Master of Science (in course).....	2
Master of Science (on examination).....	1
Master of Philosophy (in course).....	3
Master of Philosophy (on examination).....	1
Master of Arts (in course).....	22
Master of Arts (on examination).....	2
Doctor of Medicine(Dept. of Medicine and Surgery).....	84
Bachelor of Laws.....	122
Doctor of Medicine(Homœopathic College).....	13
Doctor of Dental Surgery.....	10
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Total.....	362

Henceforth no second degrees in course are to be given. We may therefore reasonably expect that the number of applicants for the degrees on examination will increase. We desire it to be understood that the examinations for the second degrees are by no means a mere form. We make them rigorous and searching. We intend that the degrees shall have a real significance. It is a question worthy of consideration whether candidates for the first degree might not well be subjected to some special examination in addition to the term examinations, which they now receive.

Such an examination, if held, should probably not be technical and directed to minute details, but should rather call for a broad and comprehensive survey of the course pursued or of the last two years of it.

We received last year 55 students on diploma from the following High Schools, from Ann Arbor, 29; from Battle Creek, 1; from Coldwater, 4; from Detroit, 1; from Fenton, 2; from Flint, 1; from Grand Rapids, 4; from Jackson, 4; from Niles, 4; from Pontiac, 4; from Ypsilanti, 1. This system of receiving students from approved schools continues to justify itself. We take some students, it is true, who ought not to have been sent to us, and who prove incompetent to go on with the class. But we always take some such on examination. And if in any case a Superintendent has been lax in scrutinizing the attainments of a pupil, whom he has recommended to us, the dropping of the pupil from our class with a kind and frank statement of the facts to the Superintendent has always proved a sufficient incentive to him to greater caution the next year. I cannot repeat with too much emphasis my testimony to the fidelity and earnestness of the Superintendents and teachers of our principal High Schools in directing the preparatory work for the University. I am gratified to say also that the work shows a steady and rapid increase in its thoroughness and range, and that the schools are in every respect worthy of the pride which is felt in them. Whatever success the University is achieving is due in no small degree to the excellence of the schools, which give their pupils so good a foundation for their studies here. It is to be hoped that no unwise and false ideas of economy will lead to the weakening of the High Schools of Michigan.

The custom of receiving students without examination from approved schools is rapidly extending. Not only has it been adopted in some of the State Universities of the west, but some of the eastern colleges are receiving students without examination from academies of established reputation. I think their example will be imitated by other colleges.

The Act passed in 1873, establishing a School of Mines here (including also a School of Architecture) made provision for its

support for only two years. The Regents organized the School so that it began the work in Mining Engineering in the autumn of 1875. The instruction in Architecture was delayed until the autumn of 1876. Nearly the whole of the sum of five thousand dollars appropriated for apparatus has been expended, two-thirds of the amount on the apparatus for the mining work, and one-third on the apparatus for the Architectural School. Competent professors have been secured, and students have been attracted in good numbers from various parts of the Union. We had every reason to expect a satisfactory career for the Schools. To our great regret the Legislature failed to continue the appropriations for their support. We could spare nothing from our general fund to carry them on. It was a grave question whether we should not drop them altogether, in spite of the great disappointment to the students, who had been drawn hither by the assurance that we could give them full courses of instruction in Mining and Architecture. But Prof. Langley having kindly offered to give for the present the instruction in Metallurgy in addition to his regular duties, and Prof. Pettee having also offered to teach Mining Engineering in addition to his duties as Professor of Geology, (both of them without any compensation for the extra work), we are able to continue to care for the students in Mining. But I am sorry to say that the instruction in Architecture must be suspended until from some source we can receive more funds. The class in Architecture were pursuing their study with great enthusiasm and with excellent promise. Surely in the downfall of badly planned and ill-constructed buildings, causing not only destruction of property but also of life, we are receiving eloquent appeals for the thorough training of architects. We do not need to leave our own grounds to be reminded of the advantages which might accrue to us from the employment of architects of chaste and cultivated taste.

The School of Mines was not established at our solicitation, but on the suggestion of intelligent legislators from the Upper Peninsula. It was they also, who decided that this was the proper place for it. We were gratified at their decision, and have gladly and in good faith labored to make the school meet their expecta-

tions as far as was possible in this brief period. It is therefore with peculiar regret that we learn that the failure to renew our appropriations for the school was due in part at least to an attempt of members of the Legislature from the Upper Peninsula to transfer the school from Ann Arbor to some point in the mining districts. The bill, which was introduced to effect the removal, proposed however to leave the school in the control of the Regents and so a part of the University.

I think I appreciate the force of the arguments for the establishment of the school in the mining regions. I would not undervalue them. It is unquestionably advantageous, nay, it is absolutely necessary that the students should spend some time with their instructors at the mines. But conceding this, it seems to me by no means proved that the school should be altogether removed from the University. The results desired can be as successfully and far more economically secured by leaving the main part of the class-room work to be done at the University and by establishing a summer school for the students near the mines. If a separate school is established, a large part of the expense already incurred must be duplicated. Furnaces, models, crushers, and other apparatus like that already procured at an expense of nearly four thousand dollars must be obtained. Such collections as we possess for illustrating the general scientific teaching, which is a part of the thorough education of a Mining Engineer, could be gathered only at great cost and trouble and after a long time. A laboratory for chemical and metallurgical and assaying work would be a necessity and must involve a large outlay. But perhaps the increased cost of instruction would be a more serious matter still. To give the needed teaching in mathematics, the languages, and the sciences, would require a considerable corps of professors and assistants in a separate school. At the University all that part of the instruction of the students is done without the cost of an additional penny to the State. It need hardly be said that all this teaching, which is not purely technical, can be done quite as well here as in the Upper Peninsula. Add to this the benefits to be derived from the library and the general advantages of culture afforded by life at the University,

and it seems clear that the school should be retained here. But must the students forego the opportunity to observe actual work at the mines? By no means. They should be required, and if necessary, be aided to spend some time there during each of the two last years of their course. Appended to my last report was a somewhat detailed sketch by Prof. Pettee of a plan for such a summer school. It is estimated that two thousand dollars a year will suffice to meet its expenses. The students could spend a part of their time at the iron mines, and a part at the copper mines, and could reap all the substantial benefits to be derived from a permanent school in the mining districts and also the benefits of life at the University, and their instruction would cost the State less by many thousands of dollars annually than it would, if the school should be transferred from Ann Arbor to any point in the Upper Peninsula.

While I deem it an advantage to the University to have the school here, I would not say a word to keep it here, if I did not think it best for the State that it should not be removed. And although we shall try even at great inconvenience to carry it on for the present, yet the arrangement now made cannot easily be continued for a long time. If the next Legislature, speaking for the State, do not wish us to take charge of this work, nay, if the citizens of the Upper Peninsula after careful reflection wish us to drop it, I strongly recommend that we abandon our effort to carry it on. Yet I cannot but think that the considerations here presented will ultimately lead the State to the conviction that if a School of Mines is to be maintained at all, the plan which has here been commended is the wisest one to be pursued.

The history of the legislation on the School of Mines must impress all, who bestow any careful thought on the subject, with the desirableness of having legislative action, which affects the University, shaped so far as possible with relation to some fixed and definite plan of development of the institution. To establish a school, and just as it is fairly organized to destroy it, not only disappoints and incommodes the teachers and students in that school, it must make it difficult to secure accomplished professors and earnest students for other schools in the University,

since, rightly or wrongly, they infer that there is instability in the whole institution. Of course one legislature cannot control the action of its successors. But reflection upon the evil results of a vacillating policy towards the University must impress all wise legislators with the importance of avoiding hasty and frequent changes in its organization and work.

The School of Pharmacy, which has heretofore been treated in our Calendar as a part of the Department of Literature, Science and the Arts, was, at the request of the officers of instruction in the School, in December, 1876, recognized by you as a separate organization. It had long been so in fact. Its students are to a very small extent, instructed with the classes in the Literary Department, and they have never been governed or directed by the Faculty of that Department. Their course is purely technical. They will henceforth feel an increased pride in their School, and will cheerfully co-operate with the Faculty in raising its grade of work. The elevation of the standard of admission will apparently become a necessity, if for no other reason, in order to prevent the classes from becoming too large for our accommodations. The growth of the School has been natural and steady, its courses of study have been made broader and more thorough and exacting from year to year, and its graduates are doing credit to the training they have received.

The Law School goes steadily on in its prosperous course with scarcely any fluctuation in its numbers. Its Faculty have made so few demands on the Board for help, that possibly there is danger that we fail to inquire with sufficient care whether its resources should not at the earliest practicable day, be somewhat enlarged. While pains have been taken to raise the requirements for admission and for graduation in the Literary and Medical Departments, and to lengthen the term of study in the Medical Schools, the whole scheme of labor in the Law School has remained unchanged. It is worthy of consideration whether something may not be done to increase the efficiency of the School. I think it would be gratifying to the Faculty and conducive to the best interests of the School, if another Professor could be appointed, and if more of what we may term class-room work,

drilling, quizzing, could thus be secured. It is also my own conviction that there should be some test of admission to the School, or at any rate of admission to the senior class. The subject of legal education and especially of the best methods of training men in law schools for the legal profession, is receiving large attention just now throughout the country, and we must spare no pains to retain for our School the high reputation it has always enjoyed.

The Dental School has had a year of satisfactory work. We have reason to believe that it has commended itself to the Dental Profession in the west, and now that the action of the Legislature has removed all doubts of its continuance, we may expect an increased attendance. It is now provided with its own building, and the inconveniences under which it and the Homœopathic College suffered from being crowded into the same edifice with inadequate room, will henceforth be avoided.

The Department of Medicine and Surgery, in spite of bitter attacks upon it on account of the establishment of the Homœopathic Medical College here, and in spite of the predictions, which its enemies have indulged in, of its approaching decline, persists in continuing a vigorous existence. Indeed, it is taking a bold step forward. With a view to insuring larger attainments in its graduates, it now extends its annual course from six months to nine months, and so grades the work as to secure an orderly and systematic education. Only two other Schools in the country, those at Harvard College and the University of Pennsylvania, have attempted this marked improvement in medical education. But all over the land there is among the more intelligent members of the medical profession a profound conviction that an elevation of the standard of medical education is in the highest degree necessary. Yet since a large proportion of the schools graduate students after two courses of six months each, or even of four months each, while we ask an attendance on two courses of nine months, and by rigid examinations make stringent demands on the candidate for graduation, we were prepared to expect, at first, a considerable decline in the attendance. But as the school at Harvard after an experiment of three or four years has fully regained its

old numbers, so we hoped that after a brief period we should enroll as many on our books as we had been accustomed to see for the years past. But whether we did or not, we resolved to adhere so long as the resources of the University would permit, to the policy of giving the highest grade of medical education which is provided in the best schools of the land. That we deemed the only course worthy of a University. We believed that if a few of the leading schools would courageously persist in this policy, they would not only attract the choicest and most aspiring students, but they would soon lift many of the other schools to a higher plane, and so compel the much needed elevation of the training of the medical profession.

But to our great gratification we find, as our new year opens, that our expectation of a decline in attendance is disappointed. The classes bid fair to exceed in size those of last year. And it is a cause of especial encouragement that students, who have come from distant States, as well as some who have come from our own State, assure us that they have been attracted hither by the extension of our term. They desire the largest and best training they can secure. They do not ask, what is the shortest time, in which we can obtain a diploma? They seek rather the fullest preparation for their professional work. That is the class of students we have hoped to secure.

The Homœopathic Medical College had fully twice as many students last year as in the preceding year, and the number this year promises to be at least half larger than it was last year. A growth so rapid ought to be satisfactory to its friends. Now that it may be said to have passed its experimental stage and that its existence is assured, it is reasonable to expect that the Homœopathic branch of the medical profession will lend it a cordial support. It will be borne in mind that the course in this school is also lengthened from six months to nine months. The remarks made above concerning the importance of the extended course in the Department of Medicine and Surgery, are, of course, equally applicable to the Homœopathic practitioners and schools. This is the only Homœopathic School which has courses of nine months, and it must attract the students, who desire a thorough training.



Legislative action has brought some very valuable additions to our resources for furnishing medical education by aiding in the support of the hospital and by establishing a Physiological Laboratory. Our funds have heretofore enabled us to keep the Hospital open only a part of the year, and have not sufficed to care for it as we could have wished. But the appropriation made at the last session of the Legislature will enable us to provide for patients through the whole year and insure them every needed comfort. During the last year a large number of important operation in surgery and on the eye and the ear have been successfully, and of course gratuitously performed, and so the Hospital has been a great public benefit to the State, which supports it. But it will now be able to multiply its blessings, while it also becomes a more valuable adjunct to the Medical Schools. A portion of the Hospital is to be set apart for the use of the Homœopathic College and of the patients who prefer to be treated by Professors of that school.

The Physiological and Histological Laboratory we also expect to be of the greatest service to the medical students, who may avail themselves of its advantages. By experiments upon the lower animals and by the use of the microscope and other instruments of observation, the minute and scientific study of the structure of the tissues and of the various parts of the human organism both in the diseased and in the healthy state is pursued with the most helpful results.

We may therefore confidently affirm that our provisions for instruction in medicine are not only materially ampler and better than they have ever before been, but that we may reasonably expect them to draw to our halls those earnest men and women, who are not content to receive the minimum of knowledge with which they can be allowed to practice medicine, but who aspire to that complete and generous training, which shall prepare them to adorn their profession and bless their generation. Even if the number of such should not prove as great as the number of those, who wish for a mere smattering of medical learning, and who are willing to play the part of ignoramuses or charlatans, it is very clear that we should not mourn over the loss of the latter class from our

lecture-rooms, but should use every worthy means to stimulate and prepare the thorough and high-minded students for the best work of which they are capable. But the large classes who are thronging the medical lecture-rooms this year indicate that the sentiment of the medical profession in favor of improving medical education was riper than some had supposed, and that the proportion of students who earnestly desire prolonged and thorough instruction, is already very great. We may well be cheered and encouraged by the response which is thus made to our endeavor to lift the standard of medical education.

The Legislative Committee made a very careful inquiry into the condition and wants of the University, and presented a report with very generous recommendations in our behalf. Most of these recommendations, I am happy to say, were adopted. The following appropriations were made :

For the salary of the Professor of Geology, for 1877, \$2,000 ; for 1878, \$2,000. For the Physical Laboratory, 1877, \$1,000 ; 1878, \$500. For the salary of the Professor of Physics, 1877, \$2,000 ; 1878, \$2,000. For the Hospital, 1877, \$2,000 ; 1878, \$2,000. For the Physiological Laboratory, 1877, \$2,500 ; 1878, \$1,000. For the General Library, 1877, \$2,500 ; 1878, \$2,500. For salaries of Professors in the Dental School, 1877, \$4,500 ; 1878, \$4,500. For apparatus in the Dental School, 1877, \$1,000 ; 1878, \$500. For repairs of a building for the Dental School, \$1,000. For the purchase of instruments for the Astronomical Department, \$1,500. For the extension of the term in the Department of Medicine and Surgery to nine months, 1877, \$4,500 ; 1878, \$4,500. For the same extension of the term in the Homœopathic College, 1877, \$2,500 ; 1878, \$2,500.

Of the specific advantages to be derived from most of these appropriations, I have already spoken. But I desire to call especial attention to the legislation, which enables us to establish a fair equipment for a physical laboratory and to provide a Professor, whose whole attention can be given to instruction in Physics. For years we have been striving to bring to the study of Physics the same help from laboratory processes which has been furnished to the study of Chemistry and to some extent of the Natural

Sciences. We have been compelled to see ourselves outstripped in that particular by many institutions, whose equipment in most respects was far inferior to ours. The introduction of the laboratory work renders the division of the duties of the chair of Physics and Chemistry an absolute necessity. We may now hope to do far more than we have ever before done in preparing students to investigate or to teach the science of Physics.

I would also refer to the appropriation for the increase of the General Library. The Legislative Committee appreciated, it is believed, the importance of a new fire-proof building for the Library, but did not deem it expedient, it is presumed, in the present depressed state of business to recommend the erection of it. They saw, however, how inadequate is the Library itself to the needs of such an institution as this, and wisely urged an appropriation of twenty-five hundred dollars for this year and an equal sum for the next. This will furnish a most welcome addition to our shelves and will enable us to do much towards filling some very bad gaps. The Library must be the fountain of strength in a University. If our collection of books were trebled or quadrupled in numbers at once, it would not be at all beyond the real demands of the institution. For in addition to a rich general library we ought to have for each of our special and professional schools a large and choice technical library. We trust that coming Legislatures may imitate the last in an appreciative care for the Library, unless private munificence should make provision for it. I cannot relinquish the belief that some man will yet be wise enough to link his name permanently with the University by erecting us a suitable building for the Library.

The total sum appropriated is for 1877, \$27,000, and for 1878, \$22,500. The aid thus furnished will prove very helpful to us by enabling us to enlarge our facilities for instruction in various ways. We appreciate it also at this time as an encouraging evidence that even when a temporary excitement caused by exceptional circumstances might be supposed to preclude the hope of generous appropriations from the Legislature, yet that body could be relied on to express by its action the deep interest which the citizens of Michigan really feel in the prosperity and efficiency of this institution.

But it must not be forgotten that the demands upon us are constantly outrunning our resources. A great institution with a worthy ambition and a vigorous life, is constantly tending to expand its work and is ever tempted to increase little by little its outlay in order to enrich its instruction. But with a firm resolve to keep out of debt, we have decided for the present to reduce slightly our teaching force and increase the labor of the instructors and to curtail our present and miscellaneous expenses to the last degree compatible with the continuance of our work in a manner worthy of our reputation. It is expected that a saving of several thousand dollars will be made for the current year, and of a sum nearly as large for the year to come. But this has been made possible only by placing on some of our college officers an amount of classroom work with undergraduates, which, for the best good of the University, they should not be asked to do permanently. There is ground for fear that the efficiency of some of our teaching will be impaired to a certain extent. Certain it is that less time can be given by some of our most experienced Professors to the higher grades of instruction, especially the work with resident graduates and specialists, than has been given, and with results which have reflected great credit upon us. The present reduction of our force is absolutely necessary. We must at all hazards keep out of debt. But it should be borne constantly in mind that the reduction in the Literary Department is in itself considered a misfortune, and therefore that if our number of students does not materially diminish, the number of our staff of teachers must be made good again as soon as our funds will allow.

In reviewing the year, we may say with truth that the work of the University in all its Departments has gone on with marked efficiency and success. The prosperity of the Institution, we believe, has not been checked even by the misfortune, which has made the Chemical Laboratory the object of an undesirable notoriety. With the fixed purpose to keep its expenses carefully within its income, to practice in every particular the utmost economy, and to secure the largest and best results, which its resources will allow, we are confident that the University will not forfeit the place it has so long held in the affections of the people of Michi-

gan, nor lose the pre-eminence it has attained as an Institution of Higher Learning.

JAMES B. ANGELL.

At the conclusion of the reading of the President's report, Regent Grant moved that it be accepted and printed in the minutes. The motion prevailed.

Regent Grant submitted the following resolution :

*Resolved*, That five hundred extra copies of the President's report be printed and bound in paper covers for the use of the University and the Board.

Ayes—Regents Estabrook, Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker and Duffield.

The resolution was adopted.

The following report was submitted by Regent E. C. Walker and accepted :

The undersigned, appointed to consider the purchase of a book mentioned to us by Mrs. Wattles, respectfully reports that an examination of the book revealed the fact that it is a valuable one, but a copy of it already belongs to the Library of the University.

ANN ARBOR, Oct. 11, 1877.

E. C. WALKER.

Regent Rynd presented a communication from the Dean of the Homœopathical Medical College relative to the assignment of seats in the Department of Medicine and Surgery, which, on motion, was referred to the Executive Committee.

The following resolution submitted by Regent Rynd was adopted :

*Resolved*, That the question of purchasing the Medical and Scientific library of the late Prof. Sager be referred to the Library Committee of the Regents, and Professors Dunster, Palmer and Maclean of the Medical College, who shall report at the next meeting of this Board.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*. That the resolution of July 12, 1877, page 146, be so amended as to read;—That the President and Secretary be instructed to have the Calendar, Announcements and Regents' Proceedings printed by the person or firm furnishing the lowest satisfactory and responsible bid, and that the printing be contracted for annually.

On motion of Regent E. C. Walker, the Board went into executive session, at the close of which the business of the open session was resumed.

The following communication from solicitors of the Board, in the Rose-Douglas suit, so called, now pending, was read by the Hon. W. D. Webber at the request of the Board.

LANSING, October 5, 1877.

*To the Board of Regents of the University of Michigan :*

GENTLEMEN—After being engaged to act as counsel in the suit in equity, pending in Washtenaw Circuit in May last, we met at Ann Arbor and examined the case. We found that there were several questions raised by the pleadings, which would require time and expense to settle, and which did not go to the real merits of the controversy. We saw the solicitors for the defendants and learning from them that they were anxious for a speedy trial on the merits, we proposed to them a stipulation in which all questions, not affecting the merits were waived, and as the amount of the Laboratory deficit was then supposed to be known, it was stated, leaving only the question for trial, as to who was liable for such deficit. The solicitors for the defendants assented to this stipulation, and it was signed. Before signing it however, the question was raised whether the trial might not show a deficit somewhat less than it was then supposed to be, and we then gave assurance that should the trial show that the amount of the deficiency was overstated, we would ask at the final hearing for a decree, only for so much as the trial should show was actually due the University. Pursuant to this stipulation an interlocutory decree was rendered by the Court June 19, 1877, and after the necessary preliminary proceedings, the trial as between defendants Rose and Douglas commenced on July 5th and the case tried, and was submitted to the court on the 11th of August, and on or about Sept. 18th the decision was filed, which determined the general principles relative to the respective liability of defendants Rose and Douglas, and referred the case to a commissioner to ascertain and report according to those principles, the precise amount for which each is liable. This opinion having been published, we assume you are informed concerning it. When the report of the commissioner is made, a decree will be entered, which will definitely settle, in dollars and cents, the amount for which each of said defendants is liable. It was deemed best that at least one of us should be present during the trial, and Judge Christiancy was present during the entire trial and Mr. Webber was present a portion of the time. Until the question as between Rose and Douglas shall be fully decided, so that we can know the items and totals due from each, we can take no step in the case (except by consent) as to the matters

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mentioned in the resolution adopted on motion of Regent Rynd at your May meeting, as against Dr. Douglas alone. We have, however, examined as to those matters, as far as is at present practicable, and it is our opinion that, as to the charges for commissions and traveling expenses mentioned, those charges and like charges have been so often and so long recognized and approved, the Regents cannot now open the account and recover the sums charged.

The question as to interest charges rests on a different basis, and our present opinion is, that you should not concede the right to make those charges. We do not think them warranted by the law on the facts as we understand them. As to the other matters mentioned, we cannot advise until the final adjustment or decree as between Rose and Douglas.

In the management of this case for the Regents, we have had in view first of all the interests of the University committed to your charge. We found here a controversy between two men, both conceding that the Regents had not received what money was their just due, and each charging that the other had the money. To recover it, the first thing was to find which had it, and this called for judicial inquiry. We have seen nothing in the case to call for popular attention or to justify popular excitement. It is the common course, in case of disputed rights to appeal to the courts for a settlement, and this case is no exception to the general rule. So far as we have been able, we have endeavored to allay excitement and bitterness, by reason of or growing out of this controversy, on the part of the public, for the reason that we could perceive no good to result therefrom, but on the contrary we feared it would injure the prosperity and usefulness of the University. Allow us also to call your attention to the large expense attending litigation of this character. We understand that the trial between the two defendants named, cost each of them nearly or quite as much as the entire laboratory deficit, and in the interest of the University, we shall do what we can to bring about an end to the controversy as early as practicable and as near to right and justice as the great uncertainty, arising from the manner in which the business has been transacted, and the books kept will permit.

I. P. CHRISTIANCY,  
WM. L. WEBBER.

The following resolution submitted by Regent Cutcheon, was unanimously adopted:

*Resolved*, That the matter of the separate accounting between Dr. S. H. Douglas and the University be entrusted to the counsel of this Board, Messrs. Christiancy and Webber, with instructions to secure the substantial rights of the University, whether by amicable settlement or if necessary, by amendment of the present bill in chancery, or by a

separate suit; this accounting to embrace all matters whatsoever in dispute between the parties, except such as are covered by the decree or opinion already rendered. And that said counsel be fully empowered and authorized on the part of this Board to proceed to such final settlement or suit, according to their best judgment.

The resignation of Prof. W. J. Hawkes was received, and on motion of Regent Rynd it was temporarily laid on the table.

The following communication relative to the Physiological Laboratory was received, read, and ordered to be printed in the minutes :

UNIVERSITY OF MICHIGAN, }  
Ann Arbor, Oct. 11, 1877. }

*To the Honorable Board of Regents of the University of Michigan :*

The undersigned have the honor to report that immediately on being authorized to purchase microscopes and other needed facilities for establishing and equipping a Physiological Laboratory, we set about ascertaining what was required to accomplish the desired result. 292

At our request Dr. Stowell came to Ann Arbor for conference on the subject, and as the result of such conference, Dr. Stowell went to New York, examined instruments and various other appliances required, talked with dealers and obtained information from various sources in reference to our anticipated needs.

He subsequently visited Rochester, N. Y., where Messrs. Bausch & Lomb are making microscopes and all accessory apparatus.

He went thence to Geneva, N. Y., where Mr. Spencer, who has a world-wide reputation as a maker of object glasses, now resides.

As the result of conference by personal intercourse and by letter, we decided to order the stands of Bausch & Lomb and Spencer.

Fifteen microscope stands and three objectives for each one were ordered, which we confidently believe will be entirely satisfactory in quality for our wants.

Some delay in completing that number of instruments was inevitable, but a part are already on hand and the remainder are to be delivered this week.

A microscope already the property of the University has been repaired at an expense of fifteen dollars.

Instruments were purchased of Tieman & Co. to the amount of \$18.50.

A mahogany case to contain microscopic objects, a reflector for drawing, and some lenses of common glass, for illustrating the structure of lenses, were purchased of McAllister for \$31.75.



The Finance Committee, through Regent Grant, Chairman, submitted their annual report, which is as follows :

*To the Honorable the Board of Regents :*

The Committee on Finance submit the following account of the financial condition of the University at the close of the fiscal year ending June 30th, 1877.

RECEIPTS. (*General Fund.*)

Balance in the Treasury July 1st, 1877.....	\$ 24,046 34
Received from the State Treasurer on account Interest Fund (three quarters).....	24,774 40
Received from the State Treasurer on account 1-20 Mill Tax (three quarters).....	23,625 00
Received from Steward for Students' Fees and Laboratory Receipts.....	34,570 00
Received on account of temporary loans.....	17,000 00
Received for interest on Treasurer's account.....	155 12
Received for unexpended balance of Centennial appropriation covered back into Treasury.....	32 30

RECEIPTS. (*Special Fund.*)

Received from State Treasurer on account of Homœopathic Medical College.....	6,000 00
Received from State Treasurer for Current Expenses of Min- ing School .....	8,000 00
Received from State Treasurer for Equipment of Mining School.....	2,000 00

\$140,203 16

DISBURSEMENTS.

Paid Salaries of Officers, Professors, and other employees of the University as per Pay Rolls submitted.....	\$ 92,105 82
Paid Temporary Loans.....	12,585 34
Paid Outstanding Laboratory Building Warrant.....	500 00
Paid Interest on Loans and Warrant.....	508 31
Treasurer's disbursements as per vouchers herewith submitted	29,647 41
Treasurer's disbursements on account of the Homœopathic Medical College.....	614 83
Treasurer's disbursements on account of the Dental College	822 03
Treasurer's disbursements for current expenses of Mining School.....	258 20
Treasurer's disbursements for Mining School equipment.....	1,882 77
Treasurer's disbursements for Hospital equipment.....	1,122 28
Balance carried to new account.....	156 17

\$140,203 16

In addition to the \$156 17 balance in the treasury, on the first of July, 1877, there was received from the State Treasurer for interest, the sum of \$13,410.01; and the further sum of \$7,875.00 was also received from the State Treasurer on account of the 1-20 Mill Tax, making the sum total in the treasury \$21,441.18.

At the same time (July 1st, 1877.) there was due for Salaries \$17,-856.25.

It will be observed that the sum of \$29,647.41 was disbursed by the Treasurer during the fiscal year. The disbursements were made for the purposes named below.

For the Hospital.....	\$ 1,625 74
For Insurance.....	2,388 50
For General Library.....	1,204 06
For Medical Library.....	790 81
For Law Library.....	540 65
For alterations and repairs.....	2,251 50
For fuel and light.....	5,290 14
For contingent expenses.....	5,870 88
For Regents expense account.....	168 50
For Museum.....	1,117 51
For Engineering Department.....	778 18
For Department of Physics.....	347 07
For improvement of grounds.....	548 00
For postage.....	527 66
For Chemical Laboratory supplies.....	6,198 21
Total.....	\$ 29,647 41

The estimated receipts for the fiscal year ending June 30th, 1878, are as follows:

Balance in the Treasury July 1, 1877, less amount due for services.....	\$ 3,584 93
For interest on the University Fund.....	38,100 00
For Annual State Aid—Act of 1873—1-20 mill Tax.....	31,500 00
For Annual State Aid—Act of 1875-7, College of Homœopathy,	8,500 00
For State Aid—Act of 1875, School of Mines (balance).....	4,000 00
For State Aid to pay salary of Professor of Geology, 1877.....	2,000 00
For State Aid for Physical Laboratory equipment, 1877.....	1,000 00
For State Aid to pay salary of Professor of Physics, 1877.....	2,000 00
For State Aid to pay current expenses of Hospital, 1877.....	2,000 00
For State Aid for Physiological Laboratory equipment, 1877...	2,500 00
For State Aid for General Library account, 1877.....	2,500 00
For State Aid to pay salaries of Professors in Dental College, 1877.....	4,500 00

For State Aid for Apparatus for Dental College, 1877.....	1,000 00
For State Aid to repair building for Dental College, 1877.....	1,000 00
For State Aid for Astronomical Observatory, 1877 .....	1,500 00
For State Aid to extend term of instruction in Medical Department, 1877.....	1,500 00
For Students' Fees and Diplomas.....	32,000 00
For Chemicals and Apparatus, Chemical Laboratory.....	6,000 00
For State Aid—current expenses of Hospital.....	2,000 00
Total.....	\$150,184 93

The disbursements for the same time are estimated as follows :

For salaries of Officers, Professors and Employees in all departments of the University.....	\$ 90,000 00
For repairs and alterations.....	2,500 00
For Fuel and Light.....	5,200 00
For Insurance.....	2,500 00
For Law Library.....	500 00
For Medical Library.....	500 00
For General Library—including State aid.....	2,500 00
For Annual Calendar and printing Reports of Proceedings....	1,500 00
For improvements of Grounds.....	500 00
For Postage.....	500 00
For Regents' expenses.....	800 00
For Museum and Microscopical room.....	1,000 00
For Physics and Engineering Departments, each \$500.....	1,000 00
For Hospital—including State aid for 1877.....	2,500 00
For College of Homœopathy—current expenses.....	1,000 00
For Dental College—including State aid for Apparatus.....	1,500 00
For Dental College—including State aid, repairs on building..	1,000 00
For Physical Laboratory equipment—State aid.....	1,000 00
For Physiological Laboratory—State aid.....	2,500 00
For Astronomical Observatory—State aid.....	1,500 00
For Contingent expenses.....	5,000 00
For Chemical Laboratory—current expenses.....	6,000 00
For outstanding warrants.....	17,000 00
Total.....	\$148,000 00

The annual report of the Treasurer, with a full list of all the warrants paid by him is herewith submitted. This list of warrants has been carefully compared with the books of the Secretary and found to be correct.

Your committee submit herewith a list of all the officers, professors and employes of the University, showing the amount of salary paid each.

The year opens more favorably, financially, than was anticipated at our last meeting. There has been a gratifying increase in the amount received from students' fees. But your committee are reminded that we have an indebtedness which must be liquidated. With the reduction in expenses, made at our last meeting, and the increase in fees, we think this indebtedness may be nearly wiped out during the coming year; but this can only be accomplished by a strict adherence to the policy adopted at our last meeting.

C. B. GRANT,  
S. S. WALKER,  
E. C. WALKER.

October 11, 1877.

Committee.

The reading of the report by Regent Grant having been finished, Regent Rynd moved that it be accepted and adopted, and printed in the minutes.

The motion prevailed.

Regent Cutcheon submitted the following preamble and resolution which was adopted :

WHEREAS, Doubts have arisen in consequence of the peculiar wording of the Statute, as to the right of the University to draw the whole of certain appropriations, therefore

*Resolved.* That the Treasurer of the University be instructed to draw upon the proper State Officer for such appropriations, and in case such requisitions are not honored, that the Executive Committee take immediate steps to test the rights of the University in regard to drawing such appropriations.

On motion of Regent Rynd, the Board now went into executive session.

In accordance with his request, Rev. Andrew Ten Brook, late Librarian, appeared before the Board and was permitted to make a statement concerning his method of administering the Library.

In accordance with the recommendation of the Faculty of the Department of Literature, Science and the Arts, the following degrees were conferred :

MASTER OF ARTS—Charles O. Baker, 1872 : BACHELOR OF ARTS—Henry Towne Kent : CIVIL ENGINEER—William Burton.

The following resolution, submitted by Regent Clinie, was adopted :

*Resolved*, That Raymond C. Davis be requested to assume his duties as Librarian of the University of Michigan, in accordance with the resolution of the Board of Regents, in June last.

Ann Arbor, October 11th, 1877.

A communication from Professors Langley and Prescott, was read, and on motion of Regent Grant it was ordered to be placed on file.

The following resolution, submitted by Regent Cutcheon, was adopted :

*Resolved*, That the practice of paying the expense of advertising the Medical Department out of the appropriation for the Medical Library, be discontinued, and that such expense be disbursed hereafter out of the General Fund.

On motion of Regent Climie, the Board adjourned to 8 o'clock P. M.

UNIVERSITY OF MICHIGAN. )  
October 11th, 1877. )

The Board re-convened in the room of the President, at 8½ o'clock P. M.

Present, a full Board.

Regent Rynd submitted the following resolution :

*Resolved*, That Dr. Charles Gatchell, of Milwaukee, Wisconsin, be and hereby is appointed Lecturer on Theory and Practice of Medicine in the Homœopathic Medical College, for one year, at a salary of \$2,000.

At the close of Regent Rynd's remarks on the resolution just presented by him, Regent E. C. Walker submitted the following as a substitute for Regent Rynd's resolution :

*Resolved*, That the appointment of a Lecturer on Theory and Practice of Medicine in the Homœopathic Medical College, be referred to the Executive Committee.

Pending the vote on the substitute submitted by Regent Walker, Regent Climie moved to strike out the words "Executive Committee" and substitute therefor "Committee on the Medical Department," which motion prevailed. As amended the substitute of Regent Walker was adopted by the following vote :

Ayes—Regents Estabrook, Grant, Rynd, E. C. Walker, Climie, Cutcheon and Duffield.

Nay—Regent S. S. Walker.

The report of the Curator of the Museum was presented and read by Regent S. S. Walker, and on motion of Regent Climie it was ordered to be placed on file.

Regent Estabrook read and then submitted a communication from Professor Edward Olney, relative to the pressing need of an assistant in mathematics, and suggested the re-call of Mr. C. N. Jones.

On motion of Regent Climie, the communication was received and ordered to be placed on file.

Regent Rynd presented the following resolution, which was adopted :

*Resolved*, That the thanks of this Board be presented to John A. Osterlony, M. D., of Louisville, Kentucky, who has presented to the University Library a complete edition of Wm. Hunter's great work on the Uterus, including numerous beautifully executed engravings.

The following resolution was also submitted by Regent Rynd, and was adopted :

*Resolved*, That Mrs. Geo. Merritt, of Lyndehurst on the Hudson, be tendered the thanks of this Board for a valuable chemist's balance, presented to the University through Dr. S. A. Jones.

A communication from Dr. J. G. Gilchrist, addressed to the Dean of the Homœopathic Medical College, relative to procuring material for illustration in surgery, was received, and on motion, it was referred to the President and Secretary of the Board, with full powers, by the following vote :

Ayes—Regents Estabrook, Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker and Duffield.

Regent Grant, Chairman of the Committee on the Department of Law, read and submitted the following :

The majority of the Committee on the Law Department submit the following recommendations :

First; that the salaries of the full Professors in the Law Department, be fixed at the sum of sixteen hundred and fifty dollars per annum, to commence from the first of October, instant.

Second: That the Faculty of the Law Department, and the Committee on said Department, be and they are hereby authorized and empowered to provide for additional assistance in that Department during the

present year, such as the needs of the Department shall imperatively demand.

C. B. GRANT,  
B. M. CUTCHEON.

At the close of the discussion on the above recommendations, Regent Rynd moved that a vote be taken on the recommendations separately, which was agreed to.

The following is the vote on the first recommendation, which was adopted :

Ayes—Regents Estabrook, Grant, Climie, Cutcheon and Duffield.

Nays—Regents Rynd and S. S. Walker.

Regent E. C. Walker was excused from voting.

The second recommendation received the following vote and was adopted :

Ayes—Regents Estabrook, Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker and Duffield.

Regent Rynd presented the following resolution, which was adopted :

*Resolved*, That the Committee on Buildings and Grounds be and are hereby authorized to contract with the Ann Arbor Gas-Light Company for a supply of gas at the rate of \$3 50 per thousand feet.

The following preamble and resolution, read and submitted by Regent Rynd, was unanimously adopted :

WHEREAS, The late Abram Sager, A. M., M. D., served this University with great fidelity and ability for a period of about 33 years, until incapacitated, from feeble health, for the further performance of active duty, therefore.

*Resolved*, That we entertain a grateful remembrance of his services, and a profound respect for his private virtues.

*Resolved*, That a copy of this resolution be presented to the family of the deceased, duly signed by the President and Secretary.

Regent Grant submitted the following resolution, which was adopted :

*Resolved*, That the Steward be instructed to furnish fuel and lights to the Students' Lecture Association at the lowest possible cost.

The following recommendations were made by the Committee on Finance for the purposes named :

For work in Museum, (by Mr. Higley).....	\$53 50
Richard Tregaskis, Accountant.....	36 00
Hon. I. P. Christiancy, on account of fees for professional services.....	500 00
Regents' expenses.....	161 07

The recommendations of the Finance Committee were adopted by vote, as follows :

Ayes—Regents Estabrook, Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker and Duffield.

There being no further business, the Board adjourned.

H. D. BENNETT.

SECRETARY.





## JANUARY MEETING.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, January 22, 1878. }

The Board of Regents assembled at the University in the room of the President at 10 o'clock A. M.

Present: the President, Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The meeting was called to order and was opened with the reading of the scriptures and prayer by the President.

On motion of Regent Rynd, the proceedings of the last meeting of the Board were approved as printed.

Regent Climie submitted the following resolution:

*Resolved*, That Regents E. C. Walker, Duffield and Maltz, be and are hereby appointed a Committee to report the names of the Standing Committees of this Board.

Regent E. C. Walker moved to amend the resolution submitted by Regent Climie as follows: Strike out the names of "Regents E. C. Walker, Duffield, and Maltz," and insert those of "Regents Cutcheon, Rynd and S. S. Walker." At the close of the remarks on the amendment of Regent Walker, a call vote on the adoption of the amendment was ordered, with the following result:

Ayes—Regents Grant, E. C. Walker, and S. S. Walker.

Nays—Regents Rynd, Climie, Cutcheon, Duffield, and Maltz.

The amendment of E. C. Walker was lost.

The question recurring upon the adoption of the original resolution of Regent Climie, it was adopted by the following vote:

Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker and S. S. Walker.

Regent Rynd reported in behalf of the Medical Committee

their action in appointing Charles Gatchell, M. D., lecturer in the Homœopathic Medical College.

Regent E. C. Walker submitted the following resolution :

*Resolved*, That the report of the Medical Committee as to the appointment of Charles Gatchell, M. D., as Lecturer on the Theory and Practice of Medicine in the Homœopathic Medical College be accepted and adopted, and that accordingly he be appointed such Lecturer for the remainder of the College year at a *pro rata* salary of \$2500 per annum. for the proportion of the College term in which he shall perform his duties.

The resolution was adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

Regent Rynd stated that he held in his hand a paper signed by R. A. Beal and P. B. Rose, the contents of which were not known to him, and as he had been requested to present it to the Board, he would, with the permission of the Board, read the paper before submitting it.

Regent Grant moved that the paper be received and referred to the Executive Committee.

Regent Rynd moved that the resolution of Regent Grant be amended so as to read as follows :

*Resolved*, That the paper be received, read and printed in the minutes.

As amended the resolution was adopted by the following vote :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, Duffield and Maltz.

Nay—Regent Grant.

Not voting—Regent S. S. Walker.

The following is the paper read and submitted by Regent Rynd :

*To the Board of Regents:*

As defendants we desire to present the following chronological history of the case of The Regents vs. Rose and Douglas since the application for rehearing :

1st. An application for rehearing was made and argued before his Honor Judge Huntington.

2d. On the 30th day of November last the decision was rendered denying a rehearing upon every ground set up in the petition, but granted a rehearing *ex gratia* upon certain points, upon the condition, however,

that the proofs, should be taken in behalf of Rose in fifteen days, and that Douglas should have ten days in which to introduce rebutting testimony, and added the further condition that the cause should stand for hearing at the then next term of court without notice. The order allowing a rehearing was settled and filed on the \_\_\_\_\_ day of \_\_\_\_\_

Mr. Bishop, attorney for Rose, asked the court to add to the order a provision that it should not take effect until signed and filed; this request the court refused. By the terms of the order Rose was compelled to give Douglas four days' notice before he could take his proofs, and the order was not signed and filed by the Judge until eight days after it was announced orally from the bench, although it was dated upon the day it was orally announced by the Judge. Thus before Rose could get his order, and get notice served for taking his testimony, twelve of the fifteen days allowed had elapsed. The proof that Rose desired to make consisted of the testimony of students, whose accounts were involved in the controverted items, or delinquent accounts. Two of these students were residing in Ohio, when last heard from, one at Grand Trunk Junction, another was in the United States Army, and his precise whereabouts unknown. It was impossible to obtain the witnesses within the time mentioned in the order. Mr. Rose secured what proof he could within the time mentioned in the order. Mr. Rose secured what proof he could, and on some of the points involved it was absolute and conclusive. As, for instance, on the question whether or not there was an annual settlement between Rose and Douglas each year.

On the first day of the present term Rose made application to the court in the usual form for further time in which to procure the remainder of his testimony, and asked the court to be permitted to take his proofs during the time which must elapse before the court could reach the case during the present term, thus avoiding any delay in the final hearing of the cause. This application the court denied, with ten dollars cost against Rose, thus allowing a defendant costs against a co-defendant in the same cause, stating at the time that he denied the motion because the application was made for delay. The order granting the rehearing provided that the interlocutory decree should be set aside, except that portion ordering an accounting before a commissioner. On the 18th day of January, 1878, Douglas made a motion to restore the original decree. On the argument of the motion, the counsel for Rose cited two decisions of the Supreme Court of the State in which that court, on granting a rehearing did precisely what Judge Huntington had done in this case, namely, set aside the decretal or interlocutory decree, and ordered a rehearing. The Judge, in order to comply with the request of the attorney of Mr. Douglas in this case, was compelled to overrule the decision of the Supreme Court which he did in the following language. "The case of Sheldon vs. Howe, 15 Mich., is the case apparently most in point. There the Supreme Court did substantially what was done in this case, but it is not clear but that it was done with as little thought as the decree was made in this case." Thus, this decision of the Supreme Court was overruled, and the request of the attorney of Mr. Douglas complied with, for no other apparent reason than to forestall the action of the Board of Regents at its present session. This was manifest from the fact that Judge Douglas forced the motion to a hearing by the declaration that they had an object in having the motion disposed of at that time, which he did not choose to disclose, and the court recognized that to be the object of Douglas by using the following language in the decision of said motion, viz: "Each party seems to be seeking to bring about something that they no doubt very properly withhold from the court."

On the 21st inst. the counsel for Douglas moved the rehearing of the cause in the absence of the counsel for Rose, and without any notice to Rose or his counsel, and although the commissioner had not reported the

testimony taken, under such order for rehearing, or made a report under the order of reference for accounting, and the court upon the motion of the counsel of said Douglas, dismissed the petition for rehearing and vacated the order for rehearing, thus excluding from the consideration of the court all the testimony taken under such order for rehearing on behalf of said Rose, which is material and important to this case.

These facts appear by the records and files in said cause and by the notes of the reporter of said court, and can be corroborated by the testimony of disinterested persons present in court.

R. A. BEAL,  
P. B. ROSE.

The following resolution submitted by Regent Maltz was adopted :

*Resolved*, That the Finance Committee give the items separate of the receipts (General Fund Report, 1877,) under the heads: "Received for Students' Fees," and "Laboratory Receipts."

On motion of Regent Grant the Board went into executive session, at the close of which the business of an open session was resumed.

The following resolution, submitted by Regent Grant was adopted :

*Resolved*, That Miss Elizabeth M. Farrand be and is hereby appointed Assistant Librarian of the University at her present salary of four hundred dollars per annum.

The vote on the adoption of the above resolution was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutchcon, S. S. Walker, Duffield, and Maltz.

Nays—None.

Regent Rynd submitted the following resolution ;

*Resolved*, That any graduate of any respectable and recognized medical college who may desire to attend the medical course in either of the medical schools connected with this University, be permitted such attendance on the payment of the usual matriculation fee only.

The resolution was adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutchcon, S. S. Walker, Duffield and Maltz.

The following resolution, submitted by Regent E. C. Walker, was adopted :

*Resolved*, That the title of Volney M. Spaulding be changed from "Instructor of Zoölogy and Botany" to that of "Instructor in Biology and Botany."

Regent Cutcheon submitted the following resolution, which was adopted :

*Resolved*, That Assistant Professor A. H. Pattengill be granted leave of absence for the purpose of studying in Europe from the end of the present semester, until the beginning of the next college year, with leave to apply prior to the June meeting for a further extension, his pay to cease during his absence.

Regent Cutcheon also submitted the following resolution :

*Resolved*, That Prof. Elisha Jones be and is hereby appointed Acting Assistant Professor of Greek in place of Assistant Professor Pattengill during his absence, at the compensation of \$1,800 per annum *pro rata* for the time served.

The resolution was adopted by vote as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following resolution, presented by Regent Cutcheon, was adopted :

*Resolved*, That Section 2, Chapter IX. of the by-laws be amended so as to read "The General Commencement of the University shall take place on the Thursday next following the last Wednesday of June in each year."

On motion of Regent Maltz the Board adjourned to 2 o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, January 22, 1878. }

The Board of Regents reconvened in the room of the President at 2 o'clock P. M.

Present, a full Board.

In compliance with the resolution submitted by Regent Maltz Regent Grant, Chairman of the Finance Committee, submitted a statement itemizing the aggregate account of students' fees and laboratory deposits for the fiscal year ending June 30, 1877, which on motion of Regent Cutcheon was accepted, and ordered to be placed on file.

The Committee appointed to revise the Standing Committees of the Board submitted the following majority report through Regent Maltz :

To the Board of Regents :

GENTLEMEN—The majority of the committee appointed to make a recast of the Standing Committees of this Board, submit the following report and recommend its adoption :

*Executive Committee*—The President, Regents Cutcheon, Duffield and Rynd.

*Finance Committee*—Regents Climie, S. S. Walker and Maltz.

*Committee on Literary Department*—Regents Duffield, E. C. Walker and Maltz.

*Committee on Law Department*—Regents E. C. Walker, Cutcheon and Grant.

*Committee on Medical Department, Homœopathic College and Dental School*—Regents Rynd, S. S. Walker, and Climie.

*Library Committee*—The President, Regents Grant, S. S. Walker and Duffield.

*Committee on Museum, School of Mines, and Astronomical Observatory*—Regents S. S. Walker, Climie and Cutcheon.

*Committee on Chemical and Pharmaceutical Department, Buildings and Grounds*—Regents Maltz, E. C. Walker and Rynd.

GEORGE L. MALTZ,  
GEORGE DUFFIELD.

The minority report of the committee, submitted by Regent E. C. Walker, is as follows :

The minority of the committee appointed to nominate the Standing Committees of the Board recommend the following arrangement of the Committees :

*Executive Committee*—The President, Regents Cutcheon, Duffield and Rynd.

*Finance Committee*—Regents Grant, S. S. Walker and Maltz.

*Committee on Literary Department*—Regents Duffield, E. C. Walker and Maltz.

*Committee on Law Department*—Regents E. C. Walker, Grant and Cutcheon.

*Committee on Medical Department, Homœopathic College, and Dental School*—Regents Rynd, Cutcheon and Climie.

*Library Committee*—The President, Regents Climie, S. S. Walker and Duffield.

*Committee on Museum, School of Mines and Astronomical Observatory*—Regents S. S. Walker, Grant and Climie.

*Committee on Chemical and Pharmaceutical Department, Buildings and Grounds*—Regents Maltz, Rynd and E. C. Walker.

E. C. WALKER.

An aye and nay vote on the adoption of the majority report was demanded, and the following was the result :

Ayes—Regents Rynd, Climie, Cutcheon, Duffield, and Maltz.

Nays—Regents Grant and E. C. Walker.

Not Voting—Regent S. S. Walker.

The majority report of the committee was adopted.

Regent Rynd submitted the following resolution :

*Resolved*, That from and after the present college year, the salaries of all employees in every department of the University receiving more than \$1700 per annum be reduced ten per cent., with the exception of those of Professors Frieze and Pettee, whose salaries have been already arranged and the further exception of the Professors of the Law Department.

On motion of Regent E. C. Walker, the resolution of Regent Rynd was referred to the Executive Committee with instructions to report at the March meeting of the Board.

Regent Rynd read a petition from students in the Department of Medicine and Surgery asking that the diplomas hereafter be printed in Latin, and offering to give \$150 towards procuring a new plate. The petition was referred to the Committee on Finance. 162  
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Regent Climie read a communication from Hon. I. P. Christiancy, announcing his withdrawal from the position of solicitor of the Board in the pending chancery suit of the Regents vs. Rose, Douglas and others, and then submitted the following resolution :

*Resolved*, That the Secretary of the Board of Regents is hereby authorized to pay I. P. Christiancy the balance due him for services as counsel for said Board, receiving from him the proper vouchers for the same. (The balance of Hon. I. P. Christiancy's claim was \$424.69.) The resolution of Regent Climie was adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Regent E. C. Walker stated that a paper had been placed in his hands with the request that it be read, and with the permission of the Board he would comply with the request. Permission to read the paper was granted, which is as follows :



*To the Honorable Board of Regents of the University of Michigan:*

The undersigned have read the statement of R. A. Beal and P. B. Rose in respect to the proceedings in the Laboratory suit since the granting of the order for rehearing on the 30th day of November last. To us it appears to contain numerous misstatements which the time at our disposal does not enable us to correct, but we beg leave to refer to some of them

It is true that the order for rehearing made on the 30th of October was not settled and signed until the 7th of November. But under the construction claimed for it for the defendants Rose, Beal and Smith, and which we believe to be correct, they were entitled to fifteen days from the time when the order was signed and filed to take their testimony, and they actually took this time with our assent, and they even took some testimony after the expiration of said fifteen days.

The two students claimed by this statement to be residing in Ohio when last heard from were Mr. Massey and Mr. J. E. Hewitt, and Mr. Massey is the same person claimed in the statement to be in the U. S. Army, and whose whereabouts is unknown. As to diligence used by Rose to obtain the testimony of Hewitt, and the value of that testimony if obtained, we refer to the accompanying affidavit of Samuel T. Douglas, and the correspondence thereto annexed. As to the character of testimony which was taken before the commissioner, it will best speak for itself. It is now in the hands of the commissioner and accessible to the Board. We submit that on the question as to annual settlements between Rose and Douglas of the kind described by Rose, it neither proves nor tends to prove them. The testimony of two students named in the petition for rehearing was taken, namely, Mr. Hoyt, of Grand Trunk Junction, and Mr. O. C. Johnson, assistant in the Laboratory. The object of the testimony of these students was to explain why the last credit entries in their accounts, and the red lines on the stubs of their accounts were in a kind of red ink which was not used in the Laboratory until November, 1871, by showing that they were not paid until after the settlement between Rose and Douglas near the close of the fiscal year 1870-71. The red line was drawn on the stub, as a voucher when the student's ticket corresponding was turned over to Dr. Douglas, and as evidence of that fact, Rose has testified on all previous occasions that the tickets of these and the other students named in the petition for rehearing were turned over to Dr. Douglas in the fiscal year 1870-71. If such was the fact, the color of the ink of the red lines, as we claim, showed that they were forgeries. Hoyt testified that he paid his account in March, 1871, which corresponded with the date in the ledger, and showed that if he (Rose) paid Hoyt's account to Dr. Douglas, it must have been in the fiscal year 1870-71. He also produced his ticket from which it appeared that it *never had been* turned over to Dr. Douglas, whence it appeared that the red line of the stub of his account was a forgery.

Mr. Johnson testified to nothing which we deem at all material to the matter in controversy.

The action of the court in refusing to extend the time for taking testimony under the order for rehearing was based upon affidavits on the part of defendant Douglas, to which we beg leave to refer, and which set forth fully the course of proceedings in taking testimony under the order for rehearing, and refer at large to the testimony which has been taken, from which, as we claim, the court was fully justified in refusing to extend the time.

The court at the same time announced that if the defendants, Rose, Beal, and Smith should be able to produce any further testimony, it might be heard in open court on the final hearing of the case. The giving of ten dollars costs against Rose, and in favor of his co-defendant Douglas was, we submit, proper, and in accordance with the practice of the court;

these co-defendants being as to this matter of the accounting the only adverse parties. The decretal order of October 26th, which was vacated in part on the granting of the petition for rehearing was restored on the motion of the defendant, Douglas, on the ground that the court had no power to vacate it, and that it had been vacated inadvertently and erroneously, without any discussion or examination as to the proper practice in such cases. His decision on this point is subject to review by the Supreme Court. Whether it is right or wrong is a pure question of law, which cannot be discussed here. It is certainly right that the decree should stand as a protection to the rights of parties till it is found on rehearing or review by the Supreme Court to be erroneous. We deny that in restoring the decree the court overruled any decision of the Supreme Court, or that Judge Huntington made the statement imputed to him.

As to the proceedings which resulted in a dismissal of the petition for rehearing we beg leave to state that the cause was placed on the calendar for the present term on application of counsel for the Regents on the first day of the term, none of the defendants interposing any objection thereto; this occurred on January 2d. The cause was not taken up until after the jury business, and all other business of the term was disposed of, and the court was about to adjourn, this being the last case on the docket. On Thursday of last week the court in the presence of the counsel for the defendants Rose and Douglas set down the rehearing for Monday morning, January 21st. On Monday morning, the case being called up on the opening of the court, the counsel for Rose and Beal were not present, the counsel for Douglas announced their readiness to proceed with the rehearing. The court suggesting that possibly Mr. Sawyer was ill, waited until about ten o'clock, meanwhile sending an officer in search of him. He had been seen by the party in charge of the court house, near the court house between 8½ and 9 o'clock in the morning in conference with defendant Beal. The officer in search could not find him in his office. He was then directed by the court to go to his house for him. On his way he met the defendant Beal, and was informed by him that Mr. Sawyer had gone to Detroit, and said soon after that he had gone to Chelsea. The officer went to his house, did not find him in his house, but found him in his barn. The officer notified Mr. Sawyer that this case had been called on and the court desired his presence. Mr. Sawyer soon thereafter came to his office, and in the meantime the court took up another case, and postponed the hearing of this until it should be disposed of and sent Mr. Davis, who has charge of the court room to notify Mr. Sawyer that this case would be taken up as soon as the case then before the court was disposed of. Mr. Davis did so, to which Mr. Sawyer replied, go on with the hearing and be damned, that he would give it no further attention, and would not attend upon the hearing. The case was not again reached until the evening session, and no counsel appearing on the part of the defendants Rose, Beal, et al., and the petitioners not being present, but having refused to attend, the petition was dismissed according to the established practice in chancery in such cases. It is true that the testimony taken before the commissioner under the order for rehearing had not been filed, and we venture the prediction that it never will be, for the reason that it is favorable to the defendant Douglas and adverse to the defendant Rose. On the part of the defendant Douglas, repeated applications have been made to the commissioner to return that testimony into court, to which his only reply has been that he would see Mr. Sawyer about it. It is also true that the commissioner has not yet filed his report under the reference for an accounting, but it was not in any way important that it should be filed for any purpose of the rehearing.

As counsel for Dr. Douglas, we hereby consent that the testimony

taken under the order for rehearing may be filed and may be used as part of the evidence in this case on appeal to the Supreme Court.

E. D. KINNE,  
S. T. DOUGLAS,  
Counsel for Defendant Douglas.

On conclusion of the reading of the paper, Regent Walker moved that it be printed in the minutes.

The motion prevailed by vote as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The committee appointed at the last meeting of this Board to inquire into the expediency of purchasing the library of the late Professor Abram Sager, submitted a report which was read, accepted, and ordered to be placed on file.

Regent Cutcheon submitted the following report :

The Executive Committee to whom was referred the matter of the resignation of Judge Christiancy as counsel of this Board, recommend that said resignation be accepted, and that the Executive Committee be authorized to employ additional counsel for the Board, if in their judgment it appear desirable and necessary.

Adopted by vote as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Regent Climie, presented the bill of P. Tuite, clerk of the Washtenaw County Court for fees and services rendered in caring for books and papers in the Rose-Douglas Chancery suit, which was referred, on motion of Regent Grant, to the Committee on Finance.

Regent Rynd read a communication from the Hospital Physician and Surgeon, giving a memorandum of things needed at the hospital, which was, on motion, referred to the Committee on Buildings and Grounds.

The following report, submitted by Regent Cutcheon, was accepted and adopted :

The Executive Committee to whom was referred the process in cause of The Regents of the University of Michigan at the suit of Silas H. Douglas recommend that said matter be referred to the present counsel of the Board, and such other counsel as the Executive Committee may hereafter employ, with directions to protect the interests and rights of the University therein.

On motion of Regent Grant the Board went into executive session, at the close of which business was resumed in open session.

Regent Rynd submitted the following resolution :

*Resolved*, That in future the salaries of lecturers in the Medical Schools of this University be four-fifths of the amount paid to full professors in such Schools.

Adopted by vote as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutchcon and Maltz.

Nay—Regent S. S. Walker.

A communication signed by the President and Secretary of the School Board of the city of Ann Arbor, asking leave to supply the High School with water from the University water-works, was received and read by Regent Grant. On motion, the communication was referred to the Committee on Buildings and Grounds.

The following resolution, submitted by Regent Grant, was unanimously adopted :

*Resolved*, That the regular meetings of this Board be three each year, to be held as follows, viz : one on or about the first of October, and one the last of March, and one the last of June.

A petition was received from members of the Senior Class of the Department of Literature, Science and the Arts, asking the Board to make provision for the delivery of a course of Lectures on Art by Prof. Alvah Bradish, during the second semester of the present year. The petition was referred to the Committee on the Literary Department.

Regent S. S. Walker submitted the following resolution :

*Resolved*, That the Committee on Grounds be and are hereby authorized to invite Mr. Holly, of the Holly Heating Company, of Lockport, N. Y., to visit Ann Arbor and to examine into the feasibility of heating all of the buildings of the University from one central boiler-house and to present estimates for the same.

The resolution of Regent Walker was adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutchcon, S. S. Walker, Duffield and Maltz.

Nays—None.

The bill of Prof. J. Taft, for services rendered in procuring apparatus and books for the Dental College, was referred. on motion of Regent Grant, to the Finance Committee.

On motion, the Board took a recess to 8 o'clock P. M.

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UNIVERSITY OF MICHIGAN, )  
Tuesday, January 22, 1878. )

The Board of Regents reassembled in the room of the President, as 8 o'clock P. M.

Present a full Board.

On motion of Regent Rynd, the degree of Master of Arts, on examination, was conferred upon Dennie J. Higley, B. A., in accordance with the recommendation of the Faculty of the Department of Literature, Science and the Arts.

Professor Watson appeared before the Board, and on motion of Regent Cutcheon, he was permitted to explain fully his reasons for asking for an appropriation at this meeting, for the purpose named in the following resolution submitted by Regent Cutcheon :

*Resolved*, That a sum of money not exceeding two hundred dollars, be appropriated from the general fund, to enable the Professor of Astronomy to accept the offer of the United States Government to locate at the University Observatory one of the stations for the observation of the transit of Mercury, in May next; the same to be expended in the erection of a building upon the Observatory grounds.

The vote on the adoption of Regent Cutcheon's resolution was as follows :

Ayes—Regents Grant, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Not voting—Regent Rynd.

The following paper, from Mr. A. J. Sawyer, Attorney, was received, and by request was read by Regent Cutcheon :

*To the Honorable the Board of Regents of the University of Michigan :*

The undersigned would most respectfully request that he may be permitted to correct some erroneous statements contained in the communication this day filed with the Steward and signed by E. D. Kinne and S. T. Douglas.

1st. The statement that Hoyt testifies that he paid his account in March, 1871, is not correct. He testified that he had no knowledge on the subject, but presumed he had paid it from the fact that he always intended to pay his debts.

The testimony of O. C. Johnson, I deem very material, and if this testimony was so favorable to Douglas, can any reason be assigned why Douglas should make such frantic efforts to suppress it?

2d. Whether the court was justified in refusing to extend the time for Rose to complete his testimony, will depend entirely upon whether it is the object of this suit to arrive at justice irrespective whom it may benefit, or to arrive at a decree within a given time.

3d. The statement that the court at the time he refused the application of Rose for further time, announced that if the defendant Rose should be able to produce any further testimony, it might be read in open court on the final hearing of the cause, is so wide of the truth that it requires the exercise of great Christian meekness not to pronounce it designedly false, as it is certainly untrue in every particular.

The truth is that counsel for Rose fairly supplicated the court to be permitted to introduce their testimony at the hearing, if Rose should be able to obtain it at that time, to which counsel for Douglas objected, and the court refused the request.

I have in my possession a copy of the stenographer's notes of the opinion of the Judge in restoring the decretal order, and the extract from it in the statement made by Beal and Rose is correct, and I will produce the entire decision for the inspection of any person interested.

4th. To the statement that no counsel for the defendant objected to the placing of the case on the docket on the first day of the present term, I desire to say the statement is a mistake. I not only opposed it but the court himself intimated that he had some doubt about such a practice.

5th. To the statement that on Thursday, of last week, the court in the presence of the counsel of defendants Rose and Douglas, set down the rehearing for Monday morning, January 21st, I desire to say I heard no such thing and had no knowledge thereof.

6th. To the statement that on Monday morning I was seen between 8½ and 9 o'clock in the morning in conference with defendant Beal, and to the effort to make it appear that I hid away or evaded meeting any responsibility, I wish to say that the statement does not contain a word of truth. The following are the facts: On Saturday afternoon, my brother called to visit me; I visited with him until Monday morning. While I was assisting him in getting up his horse, the officer came and notified me that the court desired to see me. This was as late as 10 o'clock A. M. I had not seen Beal that morning. As soon as my brother had taken his departure, I repaired to the court room, where I found the court engaged in the trial of another cause, which could not well have been if the Rose-Douglas case had been the last case as stated. I make this statement because of the unprovoked attack made upon me, and beg to call the attention of the Honorable Body hereto as an act of self-defense.

Respectfully,

A. J. SAWYER.

At the conclusion of the reading of the paper, Regent Rynd moved that it be accepted and printed in the minutes, which motion prevailed.

Regent Duffield, in behalf of the Committee on Literary Department, submitted the following resolution which was adopted:

*Resolved*, That the condition of the funds of the University is such that it is inexpedient to incur any additional expenses for lectures during the present year.

Regent Climie submitted the following resolution :

*Resolved*, That in deference to the recommendation of the Committee of the Legislature, the bill in chancery now pending in the Circuit Court for the County of Washtenaw, entitled, The Regents of the University of Michigan, complainants vs. Preston B. Rose, Silas H. Douglas, and Rice A. Beal and Willard B. Smith, John O. Wilson and Harvey S. Street, executors, defendants, be dismissed as to Preston B. Rose and his sureties, and without expense to the complainants.

Regent Grant moved that the resolution submitted by Regent Climie be made the special order for 9 o'clock to-morrow, Wednesday morning.

Agreed to.

Prof. Frothingham appeared before the Board, and by permission stated the need of additional instruments and appliances in his department, and asked that an appropriation of \$50 be made at the present meeting of the Board for the purposes suggested by him. Whereupon Regent Climie submitted the following resolution, which was adopted :

*Resolved*, That the sum of fifty dollars be and is hereby appropriated for the purchase of cylindrical glasses for the use of the Professor of Ophthalmology.

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Regent Climie presented the following resolution which was adopted :

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— *Resolved*, That the request of the committee of students of the Medical Department, viz: That their Diploma be hereafter printed in Latin, be and is hereby granted; *Provided*, that the cost to the University shall not exceed the sum of fifty dollars.

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Not voting—Regent Grant.

The Committee on Buildings and Grounds were requested to examine the system of heating and ventilating the Medical College, and report at the present meeting of the Board.

On motion of Regent Grant, the Board adjourned to 9 o'clock, Wednesday A. M.

UNIVERSITY OF MICHIGAN, }  
Wednesday, January 23, 1878. }

The Board of Regents reconvened in the room of the President at 9 o'clock A. M.

Present, a full Board.

The resolution submitted by Regent Climie yesterday, which was made the special order for this hour was taken up, and Regent Grant addressed the Board at length. At the conclusion of Regent Grant's remarks the discussion of the resolution was continued by Regent Rynd, and during his address he submitted and read the following communication from Hon. I. P. Christiancy :

UNITED STATES SENATE CHAMBER, }  
Washington, January 4, 1878. }

DR. C. RYND, Regent of the University :

*Dear Sir,*—Yours of the first inst. received. Being a Regent of the University, gives you the right to call upon me for the information you seek ; and if I had all the papers relative to the Rose-Douglas case here, and the necessary time for the purpose, I should answer all the specific inquiries which you make, with more certainty than I can now. But want of papers and want of time compel me to answer more generally and in a briefer form than I otherwise should.

I consented to go into the suit on behalf of the Regents with the hope that, by a fair and impartial trial, and one which should be seen by the public to be so, the popular excitement and hostility to the University which had been created, would be allayed, and the University strengthened in the confidence of the people. But to accomplish this end, it was not only necessary that entire impartiality should be observed by the Regents as between Rose and Douglas, and that the trial between them should be fair and impartial, but it was equally necessary that it should be shown to the public to be so.

As, in a prior stage of the case, much feeling had been excited between one of the parties and the Judge, or the active friend of one of them against the Judge of that circuit, and a large portion of the people had been made to suspect that the Judge would not be able to lay aside all feeling or prejudice which they feared would naturally grow out of prior occurrences in the suit; and as the Judge himself would naturally feel the embarrassment of his position from this cause, in trying the suit, under the consciousness that such a feeling existed, and would be much more liable to have his actions and motives misconstrued, than a Judge who had never had any connection with the case; and that even the same rulings and decisions by another Judge, would be more likely to command the ready acquiescence of the people, and allay public excitement, and avoid popular prejudice, I did hope and believe that the Judge of this circuit would see the propriety of calling some other Circuit Judge to hear the cause. And the Judge seemed at first, if not afterwards, to have felt the force of these considerations himself, and made arrangements with another Judge to come and try the cause. On the part of Rose and his friends, the feeling was very strong against having the case tried by Judge Huntington: while they seemed to be quite willing that it should be tried before any other Circuit Judge. But on the other hand I could not fail to see that Douglas and his friends were unwilling to try the case before



any other Judge. It seems to me that both parties erred in this. Believing Judge Huntington an honest man, and that he would decide the case upon his own convictions of right, I thought Rose and his friends erred in judgment through what I deemed an honest prejudice; and satisfied that any other Circuit Judge would be just as likely to decide it correctly I thought the other side equally erring in insisting that the case should not be tried by any other Judge.

Some days previous to the commencement of the trial the Judge had announced that he expected another Judge to come and try the cause; but a day or two before the trial was to open, I learned that the other Judge would not be present, and that Judge Huntington intended to try the case himself. I regretted this, not because I had any doubts of the integrity of Judge Huntington, but because I saw from the agitation in the public mind, that the rulings and decisions which he should make, if against Rose, would not be likely to quiet the public excitement, nor to secure the popular acquiescence; and that the University would still be likely to feel the force of popular hostility. And I felt that justice might have been just as well subserved, and all public prejudice and hostility to the University avoided. Now in this connection I will answer your question as to a jury trial of the facts. It was a case in which the Judge had a right, but it was not his imperative duty to call a jury. The question of forgery was a proper question for a jury; but it involved all the evidence in the cause, and all the accounts between the parties; and the Judge in trying the case would not have been bound by the verdict. It was purely a matter of discretion whether he would order a jury or not. But in deciding the question, the Judge would have probably avoided some unfavorable comments, if he had decided it at once, when the argument was made on the motion for a jury, instead of reserving the question for a future stage of the case, for the purpose of seeing more clearly the nature of the questions. These were as apparent after the first day's evidence as they ever became afterwards. But he waited until all the evidence was in, and then proposed to remove the case to the Jackson Circuit and call a jury, for which, to say the least, the power is very questionable, and the whole evidence would have had to be taken again before the jury, just as it had been already for five or six weeks before the court, and the whole proceeding might have to be disregarded for want of power, and even if the power existed, he might refuse to be bound by the verdict. But the course taken by the Judge, while it may have been an error of judgment, does not warrant any impeachment of his integrity.

As to your first question whether I think the Regents could or should have held Douglas, as director and manager responsible primarily for any defalcation which may have existed; and the second question, whether the financial interests of the Regents required that Rose should be made a party to the suit?

I think it quite clear that for defaults happening during the fore part and greater part of the period while Rose was assistant, and certainly until the Regents expressly recognized him by name as such, Douglas could have been held primarily responsible. After that period it is not so clear that he could, though I am inclined to think that he could. But to avoid this doubt, and because a bill against the two would give each an opportunity of trying the whole controversy in a single suit, it was entirely proper to make both parties defendants, and place them upon an equal footing, as was done by the amended bill, not by the original.

As to your eighth question, on what points in your resolution for amendment to the bill have the Regents a legitimate claim? I have not that resolution before me; but speaking from recollection, I should say that the only legitimate claim under those amendments would be

that for interest against Douglas. The others, as I remember them, besides the objection for multifariousness, could not, so far as the examinations by Mr. Webber and myself extended, be substantiated by the proofs; or at least we did not find such proofs. But all right of amendment is still reserved by stipulation as against Douglas, until the accounting is complete between Rose and Douglas.

The fifth and sixth question I answer together. As to the question of forgery of the letter "D" and the "red lines," upon which the merits mainly turn, I will say that the direct evidence bearing upon this point, such as given by experts, by comparison of hands, and the color of the ink, failed to make upon my mind the strong impression which they seem to have made upon the mind of the Judge. And upon the hearing of the evidence, and such examination as I was able to make of the papers during the trial, I looked upon this evidence as a failure. But I am bound in candor to say that I did not have, and could not get, during the time, the same full opportunity for thorough examination and comparison that the Judge had when he came to take up the papers at his leisure, and which it is fair to presume he made before, or at the time of writing his opinion. And it is therefore possible that if I had had the same opportunity and made such thorough examination at my leisure, I might have found some force in the evidence furnished by comparison of hands, and of colors of lines, which with the opportunity I had, I failed to discover.

But there was another and very important branch of evidence in this cause which must not be overlooked; and which has an important bearing upon the question of forgery. If there was no forgery of letters "D" or of red lines or others upon stubs, then Rose was not a defaulter; or at least a defaulter to any amount which would have been so material as to lead to this, or to any other litigation. And yet the conduct of Rose upon being charged with the default in reference to a large part of the items, and for some time after the investigation commenced, was such as might well be construed into an admission of the charge. This conduct, and the reasons for it, Rose undertook to explain; and the force of the evidence, and its effect as tending to prove forgery, must depend upon the view taken of the explanation. I can readily see that this conduct and this explanation of it, will naturally make very different impressions upon different minds. To me, the explanation seemed probable and reasonable; and I therefore saw nothing in the case satisfying me of Rose's guilt. But I can well see that minds equally honest and equally intelligent might reach the opposite conclusion.

I have not had the testimony before me since the trial, having handed over the copy belonging to the counsel of the Regents to the Judge. He has had a better opportunity than I had to make a critical examination. It is fair to presume that he has made it. Certainly under these circumstances, I can see no ground for charging the Judge with dishonesty; nor even for asserting that he has reached a wrong conclusion because it happens to be a different conclusion from what I drew at the time with less opportunity for careful examination.

As to your seventh question—whether the ends of justice will be fully subserved by the Regents collecting the amount of the defalcation based upon the judgment given by the court—this upon the explanation already given is a question which the Regents are as competent as I am to decide.

Very respectfully yours,

I. P. CHRISTIANCY.

On the close of Regent Rynd's remarks on the resolution the following "statement and petition, subscribed and sworn to by

B

R. A. Beal," was submitted, read, and ordered to be printed in the minutes of the meeting.

*To the Honorable, the Board of Regents of the University of the State of Michigan :*

The statement and petition of Rice A. Beal respectfully states and shows to your Honorable body that he was induced to become the surety of Preston B. Rose, upon the bond upon which his alleged liability arises, in the case of this Board against him and others, in the Circuit Court for the County of Washtenaw, in Chancery, and procured Ransom S. Smith, deceased, to become such surety, upon the express arrangement and agreement with some of the then members of your Honorable body that an action at law should be instituted by your Board for the purpose of settling the laboratory defalcation, and that an issue should be joined between the parties at the then term of said court, and he would not have entered into said bond, or procured said Smith to have executed the same, except for such arrangement and agreement; and subsequent to the execution of such bond and its delivery the members of your Board, giving such assurance, failed and refused to carry out such arrangement and agreement, but instituted the suit now pending in Chancery, in violation of such arrangement and agreement and in violation of good faith towards this petitioner.

Your petitioner further states and shows that he was induced to consent to enter into the stipulation upon which the interlocutory decree in said case was rendered upon the representations and assurances of the Honorable Isaac P. Christiancy, the senior counsel of your Honorable body that said cause would be tried by some other Judge than the Hon. Geo. M. Huntington; that said Christiancy gave your petitioner to understand that an arrangement had been entered into by which said cause would probably be tried by some Judge other than said Huntington; that subsequent to such representations on the part of your counsel, he called upon the Hon. Geo. M. Huntington, the Judge who tried said cause, and had a friendly conversation with him, in which said Huntington stated to your petitioner, that he ought not to try said cause, and would not do so, if in his power to procure another Judge to do so, and that he would use his best endeavors to procure another Judge to try the same, and upon such representations and assurances of said Christiancy and of said Huntington to enter into such stipulation, which he would not have consented to have done and would not have done except in reliance upon such representations and assurances.

Your petitioner further states and shows, that after all the evidence had been given in said cause before Judge Huntington, in said cause, and after said Judge had decided to refer the questions of alleged forged red lines, and initial "D's," and other questions for trial by jury, he was induced to withdraw his claim to a jury to try such questions, upon the statement and representations of said Christiancy, who had been present and heard all of the evidence given upon said trial, that there was no evidence in the cause, by which the Judge, Hon. George M. Huntington, would be authorized to find any of such red lines or initial "D's" were forged, and that in case he should so find, he would make a representation of the facts to this Board, by which your petitioner would be relieved in the premises, and upon such representations and assurances of the senior counsel of your Honorable Body, and upon those alone, he was induced to withdraw his right to a trial of such questions to a jury, which had already been ordered and directed, and he would not have consented to have withdrawn such right to a jury, and would not have withdrawn the same except in reliance upon such representations and assurances.

Your petitioner further states and shows, that in case such decree,

which has been indicated by Judge Huntington, shall be insisted upon by this Board, your petitioner alone will be obliged to pay and satisfy the same, which he respectfully submits, would be a gross fraud upon him and his rights in the premises, and one which neither your Honorable body or the people of the State of Michigan, whose representatives you are, in the premises, cannot afford to perpetrate as against one of its own citizens, and he humbly submits his rights, and the rights of his co-defendants in said cause to the consideration of your Honorable Body, in implicit reliance on receiving justice at your hands.

And as in duty bound, &c.

R. A. BEAL.

STATE OF MICHIGAN, }  
WASHTENAW COUNTY, } ss.

Rice A. Beal, the above petitioner, being duly sworn, says he has heard read the foregoing petition by him subscribed, and knows the contents thereof, and the same are true according to his best knowledge, and that he did not see Mr. Sawyer on Monday, the 21st. inst., until ten o'clock or after, that morning.

R. A. BEAL.

Subscribed and sworn to before me, this 23d day of January, 1878.

W. D. HARRIMAN,  
Notary Public.

Pending the further discussion of the resolution, on motion of Regent Maltz, the Board took a recess till 2 o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, January 23, 1878. }

The Board of Regents reassembled in the room of the President at 2 o'clock, P. M.

Present, a full Board.

The discussion of the resolution submitted by Regent Climie, was continued by Regent Cutcheon, and at the conclusion of his argument an aye and nay vote was called for by Regent E. C. Walker, and the following was the result of the vote on the adoption of the resolution :

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker.

The resolution was lost.

Regent Maltz submitted the following preamble and resolution and moved its adoption :

WHEREAS, Preston B. Rose, late an assistant in the Chemical Laboratory, is not, in the judgment of the Board, a defaulter in the matter of the so-called Laboratory deficit; and

WHEREAS, We have confidence in his personal integrity; and

WHEREAS, Senator Christiany has written in his capacity as senior counsel for this Board,

"I therefore saw nothing in the case satisfying me of Rose's guilt;" and

WHEREAS, We disapprove of the course which has generally been pursued toward said Rose growing out of the animosities engendered by this case; and

WHEREAS, Further, we deem that the restoration of said Rose is a simple act of justice to a deserving and useful man. Therefore

*Resolved*, That Preston B. Rose be and he is hereby appointed Assistant Professor of Physiological Chemistry at a salary of \$1,500 per annum.

An aye and nay vote was demanded on the adoption of the preamble and resolution of Regent Maltz, and without discussion the vote was as follows:

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker.

The preamble and resolution was lost.

The following communication from Dr. J. G. Gilchrist was received:

UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, January 23d, 1873. }

*To the Hon. Board of Regents:*

GENTLEMEN—Circumstances having rendered it necessary that my former assistant, Dr. A. H. Rogers, should resign his position, I have appointed to fill the vacancy, subject to the approval of the Board, Wm. B. Knapp, M. D.

Respectfully,

J. G. GILCHRIST.

Regent Rynd moved that the appointment of Dr. W. B. Knapp, as assistant to the Professor of Surgery in the College of Homeopathy, be approved.

Agreed to.

The following resolution submitted by Regent Climie was adopted:

*Resolved*, That the Secretary of the Board of Regents is authorized to expend a sum not to exceed one hundred dollars per annum for advertising the Dental School.

The vote on the adoption of the above resolution was as follows:

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

The following communication from the Assistant Professor of Civil Engineering was received, and on motion, referred to the Committee on Finance.

UNIVERSITY OF MICHIGAN. ENG. DEPT. }  
ANN ARBOR, January 22d, 1878. }

HON. S. S. WALKER: Sir—It is necessary that a new Altitude and Azimuth Instrument be provided for the Engineering Department. In the ordinary course of instruction these instruments are necessarily used up. They must be replaced if the standard of instruction is maintained. The students have not been able regularly to receive as much practice in the use of this instrument as has been deemed necessary for a year past, for want of it.

Such an instrument as is needed ought to cost \$275 or \$300.

The above is very respectfully submitted to your notice.

J. B. DAVIS,

Ass't Prof. C. E.

The Finance Committee to whom was referred the communication of Assistant Professor Davis, submitted the following resolution:

*Resolved*, That we respectfully refer the question of furnishing the instrument named in the communication of Assistant Professor Davis back to the Board, with the recommendation that it be referred to the Committee on the Literary Department with power to make the purchase if deemed necessary.

On the adoption of the resolution the vote was:

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, S. S. Walker, Duffield and Maltz.

Excused from voting—Regent Cutcheon.

The resolution was adopted.

Regent Maltz submitted the following resolution:

*Resolved*, That a sum not exceeding fifty dollars be expended by the President and Secretary for additional heating in the Medical Building.

Adopted by the following vote:

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

Regent E. C. Walker announced that the Senior Class of the Department of Law desired to present a petition to the Board relative to the remission of the diploma fee for the current year for reasons stated in the petition. He also stated that the Chairman of the Committee of the Senior Class, who was appointed to present the petition was present, and asked that leave be granted him to read it. Permission was granted. The petition having been read, it was referred to the Committee on the Law Department.

The Chairman of the Committee on Museum submitted the following report :

The Committee to whom was referred the communication of Rev. Marcus Lane relative to the sale of a Cabinet of Mineralogical Specimens would report that it is, in their opinion, inexpedient to purchase the same at this time.

S. S. WALKER, Chairman.

The Committee on Literary Department, through Regent E. C. Walker, submitted the following report :

The Committee on the Literary Department, to whom was referred the communication of Professor H. S. Frieze and Prof. M. L. D'Ooge, relative to the purchase of "some drawings in architecture," recommend that in the present state of our finances the request be not granted.

E. C. WALKER,

Of the Committee.

On motion of Regent Rynd, the Committee on Buildings and Grounds were requested to examine the mode of lighting building with gas manufactured from gasoline, and report at the March meeting of the Board.

The following report was submitted by the Chairman of the Committee on the Law Department and was accepted and adopted :

*To the Hon. the Board of Regents :*

GENTLEMEN—The Committee on the Law Department, to whom was referred the petition of the Senior Class for a remission of their diploma fee, in view of the fact that the plans of the Regents for the more complete instruction in their department have not been carried out, report.

That the additional diploma fee was added as a means of increased income to the University, and was made to apply to every student alike in all departments. That although it was the intention of the Regents that the Law Department should have additional help in instruction, and those

plans have failed from inability to procure the desired aid—yet this additional help was not predicated on the additional diploma fee.

The Committee therefore recommend that the request of the Senior Law Class be not granted.

E. C. WALKER,

Chairman Committee.

Regent Climie, Chairman of the Finance Committee submitted the following resolution :

*Resolved*, That the sum of \$236 55 be and hereby is appropriated for Regents' expenses.

The resolution was adopted by vote as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutch-  
eon, S. S. Walker, Duffield and Maltz.

On motion of E. C. Walker, the Board adjourned.

H. D. BENNETT, Secretary.





## MARCH MEETING.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, March 26, 1878. }

The Board of Regents assembled at the University in the room of the President at 10 o'clock A. M.

Present: The President; Regents Grant, Rynd, E. C. Walker, Climie, S. S. Walker, Duffield and Maltz.

The meeting was called to order and opened with devotional exercises by the President.

On motion of Regent Rynd the proceedings of the last meeting were approved as printed.

A communication from Dr. Gilchrist was read by Regent Rynd, and on motion it was referred to the Committee on the Medical Department.

The President submitted a report from the Dean of the Faculty of Medicine and Surgery, a report from the Dean of the Dental College, and reports of the examiners of candidates for graduation in the Homœopathic Medical College, which on motion of Regent E. C. Walker were referred to the Committee on the Medical Department, Homœopathic College and Dental School. He also submitted a report from the Dean of the Law School, which was referred to the Committee on the Law Department.

Regent E. C. Walker, Chairman of the Committee on the Law Department, submitted the following communication:

*To the Board of Regents:*

The Faculty of the Law Department of the University of Michigan respectfully recommend that the degree of Bachelor of Laws be conferred upon the following persons who have completed the prescribed course and passed their examinations in that department:

Andrew Buchanan Allen,  
James M. Ashley, Jr., B. S.,  
Warren Ashley,  
Lorraine Ashman,

Alfred Edward Lucking,  
Patrick William Magrath,  
Albert Eugene Mason,  
Ovid Luther Matthews,

Charles Albert Barnes,  
Robert Pollock Barr,  
Morris C. Baum,  
Carlton Abbey Beardsley,  
George Frederick Belford,  
William James Black, M. S.,  
B. Frank Bower,  
Frank Gilbert Bohri,  
James McCampbell Boyd,  
Archer Briggs,  
Henry Monroe Campbell, Ph. B.,  
Frank L. Carpenter, B. S.,  
William Leland Carpenter, B. S.,  
William Carter, Jr.,  
Jacob Catlin Clark,  
Joseph Burton Connell, Ph. B.,  
Charles Conner, B. S.,  
Eugene M. Converse,  
Warren J. Cook,  
William Henry Cook,  
Zimri Lonzo Cooper,  
Byron Jay Corbin,  
Charles Arthur Couillard,  
William Alfred Crandall,  
John Milton Davis,  
Frank Fremont Dawley,  
Lee Berget Des Voignes,  
Edward Donovan, B. S.,  
Bessie Eaglesfield, B. A.,  
Herbert Van Allen Ferguson,  
John Everette Finke,  
John Owen Garrett, M. S.,  
Jeremiah Wright Gladish,  
Louis P. C. Godfrey,  
William Goodell,  
Fred. Harry Gould, C. E.,  
Thurston Pierce Hackleman,  
Henry Allyn Haigh, B. S.,  
Charles Edward Hale, M. A.,  
Joel Warren Hamilton,  
Henry Hanaw,  
Harry Phillip Hancock,  
John Hanitch,  
Abner Kellogg Hayward,  
Joseph Hidy, Jr., Ph. B.,  
Walter Bunyan Hill, B. A.,  
Henry Hoffman,  
Clayton John S. Hoover,  
Abram F. Hostetter,  
Enoch Thatcher Howes,  
Eugene Ralph Hutchins, Ph. B.,  
Charles Sumner Ingersoll, B. S.,  
Frederick Gerard Ingersoll,  
Wooster Morrow Ireland,  
James Washington Johnston,  
William Allen Johnson, B. A.,  
Samuel Clark Jones,  
John Culbertson Keith,  
John Caldwell Kirkpatrick,

Calvin Leonidas May,  
James Henry McDonald, B. A.,  
J. Bob McGuffin, B. A.,  
Ambrose Peter McGuirk,  
William Newbury Moore,  
Justus Tillman Neff,  
Charles Campbell Nelson,  
Frederic Thomas Nunn,  
Julius Sinclair Ogan, B. A.,  
William O'Reilly, LL. B.,  
Herman Henry Osthhaus, M. A.,  
Joel Webster Page, Jr.,  
George E. Pantlind, C. E.,  
Alfred Noble Paxton,  
Franklin Pierce Payne,  
Edwin Zina Perkins,  
Syrus G. D. Phelps,  
Eugene Douglas Pierson,  
James McMillan Powers,  
Franklin Henry Pray,  
Daniel Edward Prescott,  
Eugene E. Prussing,  
Charles Morgan Randolph,  
Herbert Stanley Reed,  
Daniel Clark Remick,  
Daniel Smith Remsen,  
Henry Kendall Rhoades,  
Thomas Rinaker, B. A.,  
Herman Ritter,  
Charles Humphrey Roberts,  
Hans Frederick Rohde,  
Joseph Charles Royan,  
Frank Findlay Rozzell, B. S.,  
Wilbur Fremont Rudy, B. A.,  
Kingpay Saito, B. S.,  
Charles James Sawbridge,  
Horace Bigelow Schaeffer,  
George Henry Sleator,  
Benjamin Franklin Smith,  
Charles William Smith, B. A.,  
George Smith,  
Howard Burnham Smith, B. A.,  
Samuel William Smith,  
James Alonzo Stacy,  
Howard Stephenson,  
Jeremiah Lou. Suddarth,  
William Dawson Talbot,  
Henry Gee Taylor,  
John Warren Taylor,  
Alden Stewart Thompson,  
John Alexander Tindall, B. S.,  
Henry Stever Tremper, B. A.,  
Junichi Ukizumi Tsuda,  
Isaac M. Turner,  
Samuel W. Vance,  
Claudius Damont Walker,  
Myron Hamilton Walker,  
Warren Edwin Walker,  
Willis Shotwell Walker, B. A.,

Wilfred Ivanhoe Klein,  
Jerome Cyril Knowlton, B. A.,  
Elbert Leroy Lampson, B. S.,  
Victor Hugo Lane, C. E.,  
Nathaniel Benjamin Landon,  
Charles Newcomb Lauman,  
Frank Barbour Lay,  
Myron W. Lee,  
Henry Lindner,  
Thomas Cornelius Logan,

George Proctor Wanty,  
Alvin C. White, M. S.,  
John Stewart Whitford,  
Smith Newell Wilbur,  
Fred. Potter Wilcox, B. A.,  
John Henry Wishek,  
Gustav Adolph Wolfe,  
Henry Wolman,  
James Robert Wylie,  
William Yost, B. A.,

On motion of Regent E. C. Walker, the degree of Bachelor of Laws, was ordered to be conferred upon the persons named and recommended in the communication, received from the Dean of the Law Faculty.

The motion prevailed.

The following preamble and resolutions were read and submitted by Regent Maltz :

WHEREAS, in the judgment of this Board, Preston B. Rose, late an Assistant in the Chemical Laboratory is not a defaulter in the matter of the so called Laboratory Deficit; and,

WHEREAS, such opinion, based upon the researches and investigations of this Board, is supported by the Legislature of the State and confirmed by the written opinion of Senator Christiany, late senior counsel of the Board, therefore,

*Resolved*, In the matter of the suit of the Regents of the University of Michigan, against Preston B. Rose, Silas H. Douglas, and Rice A. Beal, and Willard B. Smith, John O. Wilson and Harvey S. Street, executors, in the Circuit Court for the County of Washtenaw, State of Michigan, in chancery, that so much of the decree in said suit as orders or adjudges any sum or sums of money whatever to be paid by the said Preston B. Rose, as principal or his sureties, is fully remitted and cancelled, and that B. F. Granger, solicitor and counsel for the complainants in said suit, be and is hereby directed to formally discharge said decree of record, as against said Preston B. Rose and his sureties; saving and reserving all the rights of the complainants in said suit and under said decree as against Silas H. Douglas.

*Resolved*, That Preston B. Rose, be and he is hereby appointed Assistant Professor of Physiological Chemistry, at a salary of \$1,800 per annum, commencing April 1, 1878.

Regent Grant moved that the preamble and resolutions submitted by Regent Maltz, be made the special order for 2 o'clock P. M. to-day.

An aye and nay vote on Regent Grant's motion was demanded and the result was as follows :

Ayes—Regents Grant and E. C. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

Not voting—Regent S. S. Walker.

The motion of Regent Grant was lost.

Regent E. C. Walker moved that the resolutions submitted by Regent Maltz be voted upon separately.

An aye and nay vote on Regent E. C. Walker's motion was called for by Regent Rynd and the following was the result of the vote :

Ayes—Regents Grant and E. C. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

Absent and not voting—Regent S. S. Walker.

The motion of Regent E. C. Walker did not prevail.

The question recurring on the adoption of the resolutions, Regent Grant addressed the Board at length. At the conclusion of Regent Grant's remarks Regent Climie moved the previous question. The motion was supported by Regent Rynd. While the question was pending, Regent Rynd called the attention of the chair to the fact that by the withdrawal of three members the Board was left without a quorum. He moved that an adjournment of ten minutes be taken, which motion prevailed. At the expiration of ten minutes the President called the Board to order.

On motion of Regent Rynd the roll was called—the following Regents answering the call, viz :

Regents Rynd, Climie, Duffield and Maltz.

There being no quorum present Regent Rynd moved that the Board adjourn ten minutes—agreed to.

At the expiration of ten minutes the Board was called to order by the President. Roll called by the Secretary. Present, Regents Rynd, Climie, Duffield and Maltz.

There being no quorum, Regent Rynd moved that the Board adjourn ten minutes. The motion prevailed.

At the time to which the Board had adjourned it was called to order by the President. The roll was called by the Secretary. Present, Regents Rynd, Climie, Duffield and Maltz. No quorum,

and on motion of Regent Rynd the Board adjourned to 1 : 30 P. M.

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UNIVERSITY OF MICHIGAN, )  
Tuesday, March 26th, 1878. }

The Board of Regents re-assembled in the room of the President at 1½ o'clock P. M. with the President in the chair. Roll called. Present, Regents Rynd, Climie, Duffield and Maltz. No quorum.

Regent Rynd submitted the following resolution :

*Resolved*, That we do now adjourn till 2 : 30 P. M. and that the Secretary be instructed to use all possible diligence to secure the attendance of Regents C. B. Grant, E. C. Walker and S. S. Walker, who it is believed are now in the city, in order that the business of this Board may be proceeded with in regular order and without detriment to the work and interests of this University.

So much of the resolution as proposed adjournment to 2 : 30 P. M. was put by the Chair and was adopted.

The Board reconvened in the room of the President at 2½ o'clock P. M., the President in the chair.

The meeting was called to order and, in the absence of the Secretary, the roll was called by the President.

Present, Regents Rynd, Climie, Duffield and Maltz. No quorum. On motion, the Board adjourned to 2 : 40 o'clock P. M.

The Board of Regents reassembled in the room of the President, at 2 : 40 P. M., the President in the chair. Roll called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz.

There being no quorum the Board adjourned to 4 : 30 P. M.

The Board reassembled in the room of the President at 4 : 30 P. M.

The meeting was called to order by the President, and the roll called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz. No quorum.

On motion of Regent Rynd the Board adjourned to 7½ o'clock P. M.

UNIVERSITY OF MICHIGAN, }  
March 26th, 1878. }

The Board of Regents reconvened in the room of the President at 7½ o'clock P. M.; the President in the chair.

Roll called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz. No quorum.

On motion of Regent Rynd the Board adjourned to 8 o'clock P. M.

The Board of Regents reassembled in the room of the President at 8 o'clock P. M. On taking the chair the President directed the Secretary to call the roll. The members present, answering to their names, were Regents Rynd, Climie, Duffield and Maltz. No quorum present.

On motion of Regent Rynd, the Board adjourned to 8:30 A. M. Wednesday, March 27th, 1878.

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UNIVERSITY OF MICHIGAN. }  
March 27th, 1878. }

The Board of Regents reassembled in the room of the President at 8½ o'clock A. M.

Present, the President, Regents Rynd, Climie, Duffield and Maltz.

The roll was called by the Secretary. Four members of the Board answered to their names. The President announced no quorum present.

On motion of Regent Rynd, the Board adjourned to 8:45 o'clock A. M.

The Board of Regents reassembled in the room of the President at 8:45 A. M.. On taking the chair the President directed the roll to be called.

Present Regents Rynd, Climie, Duffield and Maltz.

The President announced no quorum present.

On motion of Regent Rynd the Board adjourned to 9¼ o'clock A. M.

The Board of Regents reconvened in the room of the President at 9¼ o'clock A. M., the President in the chair.

Roll called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz. No quorum.

On motion of Regent Rynd the Board adjourned to 9 : 40 o'clock A. M.

The Board of Regents reassembled in the room of the President at 9 : 40 o'clock A. M., the President in the chair.

Roll called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz. No quorum.

On motion of Regent Rynd the Board adjourned to 10 minutes after 10 o'clock A. M.

The Board reconvened in the room of the President at 10 minutes past 10 o'clock A. M., the President in the chair.

On calling the roll, there were present Regents Rynd, Climie, Duffield and Maltz. No quorum.

On motion of Regent Rynd the Board adjourned to 20 minutes to 11 o'clock A. M.

The Board of Regents reassembled in the room of the President at 20 minutes to 11 o'clock A. M., the President in the chair.

Roll called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz.

There being no quorum, on motion of Regent Rynd the Board adjourned to 12 : 15 P. M.

The Board of Regents reassembled in the room of the President at 12 : 15 o'clock P. M. The roll was called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz. No quorum.

On motion of Regent Rynd the Board adjourned to 2 o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, March 27, 1878. }

The Board reassembled in the room of the President at 2 o'clock P. M., the President in the chair.

Roll called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz. No quorum.



At the request of Regent Rynd, the President ordered the room cleared of visitors to enable the members of the Board to have a private conference. At the close of the conference the Board adjourned to 7 o'clock P. M. on motion of Regent Rynd.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, March 27, 1878. }

The Board of Regents reconvened in the room of the President at 7 o'clock P. M., the President in the chair.

Roll called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz. No quorum present.

On motion of Regent Rynd the Board adjourned to 8 o'clock P. M.

The Board of Regents reassembled in the room of the President at 8 o'clock P. M., the President in the chair.

Roll called by the Secretary.

Present, Regents Rynd, Climie, Duffield and Maltz. No quorum present.

Regent Rynd read the following paper and asked that it be spread upon the minutes.

The undersigned, Regents of the University of Michigan, deem it their duty to place on record the following statement of facts. They find themselves assembled, under the call of the President, and at the usual time, unable to proceed in the proper exercise of their functions as Regents, because of the fact that a quorum of the Board is not in attendance at the appointed and usual place of meeting, and they further find that from the above cause the work of the University is being obstructed, and its interests are being neglected. The cause or causes which have resulted in the present condition of affairs may be stated as follows:

On the 26th day of March, 1878, Regent Maltz introduced the following preamble and resolutions:

WHEREAS, In the judgment of this Board, Preston B. Rose, late Assistant in the Chemical Laboratory, is not a defaulter in the matter of the so called Laboratory Deficit; and,

WHEREAS, such opinion based upon the researches and investigations of this Board, is supported by the Legislature of the State, and confirmed by the written opinion of Senator Christiancy, late senior counsel of this Board; therefore,

*Resolved*, That in the matter of the suit of the Regents of the University of Michigan against Preston B. Rose, Silas H. Douglas and Rice A. Beal, and Willard B. Smith, John Q. Wilson and H. S. Street, executors, in the Circuit Court for the County of Washtenaw, State of Michigan, in chancery, that so much of the decree in said suit as orders or adjudges any sum of money whatever to be paid by said Preston B. Rose as principal, or his sureties, is fully remitted and cancelled; and that B. F. Granger, solicitor and counselor for complainants in said suit, be and is hereby directed to discharge decree of record as against said Preston B. Rose and his sureties, saving and reserving all the rights of the complainants in said suit and under said decree as against Silas H. Douglas.

*Resolved*, That Preston B. Rose be, and is hereby, appointed Assistant Professor of Physiological Chemistry, at a salary of \$1,800 per annum, commencing April 1, 1878.

This matter coming before the Board in due form and according to parliamentary usage, a free discussion of the preamble and resolution was permitted.

Regent Grant made a lengthy speech in opposition thereto. During the progress of Regent Grant's speech, Regents E. C. Walker and S. S. Walker retired. On the conclusion of his remarks the Board was notified by that gentleman that "he did not care to stay any longer." As this action would leave the Board without a quorum, Regent Climie moved the previous question, which was recognized by the chair before Regent Grant left the room. This was done to secure a vote on the question at issue, it being the evident purpose of the voluntary absentees to prevent a quorum, regardless of the consequences which might ensue, either to the students who had not been graduated, or to the University.

Since that time there has not been a quorum present. The undersigned have adjourned from time to time, with the hope that a sufficient number of the Regents would be present, to perform the duties of the office to which they had been elected. The President of the Board and the undersigned Regents have earnestly invited their presence, and have afforded them every possible facility for such attendance.

They have refused except on terms which involved the surrender of the rights of the Board in the business which is properly before it; and the further surrender of the parliamentary rights of a majority present, to an absenting minority.

We have no design at this time to discuss the merits or demerits of the resolutions. For our official action we are responsible to the people. We do not wish to shirk by absenteeism or otherwise, such responsibility. Our absent colleagues were not denied the right of making such record as to them might seem proper. We were anxious to settle the unfortunate

difficulty and so far as we had the power, right the wrongs of the past two years.

We believe that we are right. We solemnly assert that we are acting according to our convictions of duty. The minority, from their stand-point, may have been honest in their opposition. We were willing and anxious to join with them in making a record, leaving such record to the supreme arbiters,—the people of Michigan. We will add :

1st. The resolutions of Regent Maltz were not presented in a surreptitious manner to the Board, as similar action was proposed at the January meeting.

2d. Due notice was given at that meeting that we should, in future, endeavor to accomplish what was then proposed.

3d. No advantage was taken of Regent Cutcheon's absence. We had no knowledge touching his probable vote. His absence was due to the serious illness of his wife. We repel the insinuations made by interested parties that General Cutcheon either absented himself from unworthy motives, or that his vote in January was given on the merits of the case. He distinctly stated in his place that his action "was *not* based upon a consideration of the merits of the case, but upon what he believed to be the well established rules of legal procedure." This much in justice to a gentleman who is, in our judgment, incapable of an unworthy motive, and who would not consent to occupy a dishonorable position.

4th. The recommendations of the various Faculties were referred to the appropriate Committees, on motion of one of the absentees. That of the Law Faculty was at once reported upon, and action taken by the Board without obstruction or opposition. The recommendations in the hands of the Medical Committee could not be so disposed of, as there were disputed questions, involving investigation on the part of the Committee, and the re-examination of a number of candidates. We are convinced that our duty required us to do justice, by patient and careful investigation, to every candidate, at the same time protecting the interests of the University.

5th. We submit that no such action as that taken by the minority was ever attempted by the undersigned, when in a minority on questions connected with the same case.

6th. In June, 1876, the absentees with others, then a majority of the Board, at a meeting held at an unusual time, and against the earnest protest, in writing, of General Cutcheon, and the verbal protest of Regent Climie, then present, proceeded to expel, and did expel Preston B. Rose, in the absence of two members of the Board, who were known to be opposed to such expulsion, and before any action had been taken in the courts touching the guilt or innocence of said Rose.

yth. Dr. Angell, the President, and the undersigned members of the Board have been and are now present for the transaction of its business. We respectfully submit the above to the people in the full confidence that a course which necessarily, and from present indications permanently, obstructs the business of this Board will not meet the approval of fair-minded and honorable men.

C. RYND,  
ANDREW CLIMIE,  
GEORGE DUFFIELD,  
GEO. L. MALTZ.

On motion of Regent Rynd the Board adjourned to Wednesday, 7 o'clock P. M., April 10th, 1878.

H. D. BENNETT, Secretary.



## ADJOURNED MEETING.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, April 10, 1878. }

The Board of Regents convened in the room of the President at 7 o'clock P. M., in pursuance of an adjournment of March 27, 1878, the President in the chair.

Roll called by the Secretary.

Present: Regents Grant, Rynd, E. C. Walker, Climie, Cutch-eon, S. S. Walker, Duffield and Maltz.

On motion of Regent Climie, the proceedings of the last meeting were approved as printed.

The President stated that the first business in order was the previous question, moved by Regent Climie, on the adoption of the preamble and resolutions submitted by Regent Maltz at the last meeting of the Board; whereupon Regent Climie (with the consent of Regent Rynd who seconded it) withdrew his motion for the previous question and submitted the following resolution:

*Resolved*, That the preamble and resolutions submitted by Regent Maltz at the last meeting of the Board, upon the adoption of which the previous question was pending, be made the special order for 9 A. M. tomorrow.

The resolution was adopted.

A communication of L. H. Swan, M. D., of Woodstock, Ont., also one from James G. Scott, Seaforth, Ont., relative to an appointment in the Department of Medicine and Surgery were presented by Regent Rynd, and on motion were ordered to be placed on file.

The following report from the resident physician of the hospital was read by Regent Rynd:

### UNIVERSITY HOSPITAL REPORT.

During the past six months from October 1st, 1877, to March 26th,

1878, four hundred and thirty patients have been treated and prescribed for at the clinic of the Department of Medicine and Surgery:

Out of this number four have died, three have been discharged as incurable, all others have been cured or are under treatment. They are distributed as follows:

Diseases of the eye and ear, . . . . .	168
Surgical cases, . . . . .	140
Medical cases, . . . . .	105
Diseases peculiar to women, . . . . .	17
Total, . . . . .	430

One hundred and twenty-five important operations have been performed. Sixty-four of these operations have been on the eye, 23 of which have been for cataract. These 23 patients came to the hospital blind, and can now, with one exception, see to read newspaper print. That one is still under treatment.

Fifty-eight surgical operations have been performed, many of which have been of a most dangerous and important character. Three important operations have been performed under the head of Diseases peculiar to Women. Out of the 430 cases treated at the regular clinic 214 have been of sufficient importance to require their remaining in the Hospital.

Total number of patients sent to the Hospital—

From the regular clinic, . . . . .	214
From the Homœopathic clinic, . . . . .	3

Total number of patients treated at Hospital, . . . . . 217

A. C. MACLEAN, M. D., Resident Physician.

Regent Rynd read the following report:

UNIVERSITY OF MICHIGAN, }  
March 26th, 1878. }

*To the Honorable the Board of Regents:*

The following named persons have completed the prescribed course of study in the Dental College of this Institution; have sustained a satisfactory examination, and are hereby recommended for the degree of Doctor of Dental Surgery:

Edwin Earl Arnold,  
John Norman Cowan,  
Thomas Sears Ewing,  
Sherman Fremont Finch,  
Mark Florus Finley,  
Alvin Knapp,  
Fremont Ernest Lyon,

James Buchanan McGregor,  
Benjamin Franklin Miller,  
William H. Miller,  
William Mitchell,  
Eben Levi Parker,  
Charles Warren Sanderson,  
George Henry Wilson.

Very respectfully,

J. TAFT, Dean.

On conclusion of the reading of the report, Regent Rynd offered the following resolution:

*Resolved*, That the degree of Doctor of Dental Surgery be and hereby is conferred upon the candidates named in the above communication in accordance with the recommendation of the Dean of the Faculty of the College of Dental Surgery.

The resolution was unanimously adopted.

Regent Cutcheon stated that he had heard that the President had received a letter from Hon. Wm. L. Webber to the Board concerning his relations to the Regents as counsel, and asked for the reading of the letter. No objection being expressed, the communication from Mr. Webber was read. It stated that events had occurred, which made it desirable for him to retire from his position as solicitor and counsel for the Board; expressed the opinion that unless the fullest confidence exists between attorney and client, it is better that the relation be severed; gave a copy of correspondence between him and Messrs. Rynd and Duffield of the Executive Committee, and requested the Board to designate the person to whom he should transfer the care of the case.

Regent Cutcheon explained at length his correspondence with other members of the Executive Committee in relation to the appointment of Hon. B. F. Granger as junior counsel of the Board in the pending suits of the University.

The following resolution was submitted by Regent Grant and adopted :

*Resolved*, That Hon. Wm. L. Webber, the senior solicitor for the Board be requested to attend upon the session of this Board immediately.

In response to Regent Grant's resolution, the Hon. W. L. Webber appeared before the Board, whereupon Regent Grant submitted the following resolution, which was adopted :

*Resolved*, That Hon. Wm. L. Webber be requested to state to this Board the history of the case of the University vs. P. B. Rcs : and others since October, 1877.

At the conclusion of the statement made by the Hon. W. L. Webber in accordance with Regent Grant's resolution, Regent Rynd submitted the following resolution, which was adopted ;

*Resolved*, That Hon. B. F. Granger be and is hereby invited to present to this Board a history of his relation to the litigation with which he has been connected, and to which the Regents are parties.

In accordance with the resolution of Regent Rynd, the Hon.



B. F. Granger appeared before the Board and made a statement respecting his relation to the pending suits of the University.

On motion of Regent Grant the Board went into executive session, at the close of which business in open session was resumed.

The following resolution submitted by Regent Cutcheon was adopted :

*Resolved*, That in the case of Mr. Geo. W. Allyn, a candidate for graduation in the Department of Medicine and Surgery, the special requirement of two full courses of Lectures be waived, and that the degree of M. D. be conferred upon him.

The following communication from the Dean of the Faculty of the Department of Medicine and Surgery, was read by Regent Rynd.

UNIVERSITY OF MICHIGAN, }  
College of Medicine and Surgery, March 26, 1878. }

*To the Honorable Board of Regents:*

The following named persons having complied with all the conditions for graduation in the College of Medicine and Surgery, are hereby recommended for the degree of Doctor of Medicine :

A. B. PALMER, Dean.

Robert William Alton.  
Charles Orrin Baker, M. A.,  
Henry J. Banta,  
Jennie S. Barnard,  
Jerome William Barnard,  
Howard Malcom Bennett,  
Nellie A. Brown,  
J. Neelands Buckham, P. C.,  
John Dalgliesh Campbell,  
Richard W. Corwin,  
Carter J. Crippen,  
Thomas Allyn Cullis,  
Charles Edward Dampier,  
Lyman Deck,  
Wilhelmus Decker, B. S.,  
Alexandrine Egeroff, B. S.,  
Clara M. Ellsbury,  
William Brown Ely,  
John R. Francis,  
Julius Garst,  
Lowell M. Gates, B. S.,  
George Garrett Gordon,  
Lucy Mabel Hall,  
Hamlet Hart,  
George Nicholas Hartwell,  
Robert Henderson,  
Frank Pierce Herr,  
James Simpson Herries,  
Horace Rodney Hitchcock,  
Frank C. Horner,  
Oliver Nixon Huff,  
Absalom Winfield Jones, M. A.,  
Titus Dixon Keillor,

William Frederick Knapp,  
Charles Sumner Knight,  
John Joseph Lawless,  
Edgar Dudley Lewis,  
William H. D. Lewis, P. C.,  
Adelaide Lewitt,  
George Henry Littlefield, B. A.,  
Thomas M. Marcellus,  
Alfred George Mays,  
Robert McGurk,  
Charles Henry McKain,  
Neil McLure,  
Norman Lamont McLachlan,  
George G. Monroe,  
Lyman S. Osborne,  
Charles Doolittle Parsons,  
Levi Augustus Proper,  
George Henry Randall,  
Alexander McCandless Reid,  
Benjamin Levan Saeger,  
John Chester Salmon,  
William Lewis Schoales,  
Floyd Preston Sheldon,  
Warren Hobart Sherman,  
Charles Gilbert Smith,  
Eli James Smith,  
Ransom H. Stevens, P. C.,  
Charles C. Van Valkenburg,  
Victor C. Vaughan, Ph. D.,  
Johan W. Was,  
Silas Addison Wessel,  
John L. White, Ph. B.

Having concluded the reading of the report, Regent Rynd submitted the following resolution, which was unanimously adopted :

*Resolved*, That the degree of M. D. be conferred upon the persons whose names are given in the above communication.

The Dean of the Faculty of the Department of Medicine and Surgery stated for the information of the Board that more than two hundred students were in regular attendance upon the spring term of lectures in that department.

On motion of Regent Maltz, the Board adjourned to 9 o'clock, Thursday morning.

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UNIVERSITY OF MICHIGAN, }  
Thursday, April 11, 1878. }

The Board of Regents reconvened in the room of the President at 9 o'clock A. M., the President in the chair.

The roll was called, and a full Board was present.

The following preamble and resolution submitted by Regent Maltz at the March meeting of the Board, and which were made the special order for this hour were taken up and read by the President :

WHEREAS, in the judgment of this Board, Preston B. Rose, late an Assistant in the Chemical Laboratory, is not a defaulter in the matter of the so called Laboratory Deficit; and,

WHEREAS, such opinion, based upon the researches and investigations of this Board, is supported by the Legislature of the State and confirmed by the written opinion of Senator Christiancy, late senior counsel of the Board, therefore,

*Resolved*, In the matter of the suit of the Regents of the University of Michigan, against Preston B. Rose, Silas H. Douglas, and Rice A. Beal, and Williard B. Smith, John O. Wilson and Harvey S. Street, executors, in the Circuit Court for the County of Washtenaw, State of Michigan, in chancery, that so much of the decree in said suit as orders or adjudges any sum or sums of money whatever to be paid by the said Preston B. Rose, as principal or his sureties, is fully remitted and cancelled and that B. F. Granger, solicitor and counsel for the complainants in said suit, be and is hereby directed to formally discharge said decree of record, as against said Preston B. Rose and his sureties; saving and reserving all the rights of the complainants in said suit and under said decree as against Silas H. Douglas.

*Resolved*, That Preston B. Rose, be and he is hereby appointed Assistant Professor of Physiological Chemistry, at a salary of \$1,800 per annum, commencing April 1, 1878.

The reading of the preamble and resolutions having been concluded by the President, Regent Maltz stated that he desired to withdraw them. Consent was given and the preamble and resolutions were withdrawn.

Regent Maltz now submitted the following resolutions in connection with the proposition from Messrs R. A. Beal and J. B. Steere :

*Resolved*, That the proposition made to this Board by Rice A. Beal and J. B. Steere be accepted, said proposition being as follows :—

Ann Arbor, April 11. 1878.

The undersigned hereby promise and agree to transfer an undivided one-half interest in the Beal-Steere collection to the Regents of the University, in full liquidation of the decree recently rendered as against Preston B. Rose and his sureties, and they hereby propose and agree to furnish, on the acceptance by the Board of Regents of this proposition, a clear and indisputable title of one-half of said property as aforesaid, and which half of said property we hold to be worth the full sum of ten thousand dollars.

RICE A. BEAL,  
J. B. STEERE.

*Resolved*, That Preston B. Rose be reinstated to his former position in the Chemical Laboratory as Assistant Professor, duties commencing at the fiscal year 1878-9, salary same as heretofore.

After some discussion of the resolutions submitted by Regent Maltz, Regent Grant submitted the following resolution which was adopted :

*Resolved*, That the proposition submitted by Messrs. Beal and Steere be referred to the Committee on Museum with instructions to report at 2 P. M., and that the resolutions now before us be made the special order for that hour.

The following petition from students in the Department of Medicine and Surgery was read by Regent Rynd :

*To the Honorable the Board of Regents of the University of Michigan :*

GENTLEMEN—The undersigned, students in the Department of Medicine and Surgery in the University, beg leave to call your attention to the fact that while the students of the Homœopathic College are accorded equal rights and privileges in the Regular Medical Clinic and Hospital, we have not been allowed equal opportunities to witness the results of Homœopathic practice, and we respectfully ask that the patients treated at the Homœopathic Clinic be sent to the University Hospital, where we may have opportunity to observe any advantages resulting from this sys.

tem and detect any errors that may be concealed by the present system of the management of their cases.

Signed by A. L. Blanchard, C. A. Compton, W. E. Burtless and 112 others.

The following report was read by Regent Duffield, and adopted :

The Committee on the Literary Department to whom was referred the letter of Assistant Professor Davis, January 22, 1878, on the necessity for a new Azimuth Instrument, would report that they have carefully examined the old instrument, and are fully satisfied that all has been done to repair and improve that instrument, that could be done, and while it is exceedingly desirable to have a new one, yet they do not feel at liberty to ask an appropriation of \$275 or \$300, until a further conference with the Board.

Respectfully submitted.

GEORGE DUFFIELD,  
E. C. WALKER,  
GEO. L. MALTZ.

Regent Duffield submitted the following report :

At the January meeting Regent Rynd submitted the following :

*Resolved*, That from and after the present college year the salaries of all employees in every department of the University receiving more than \$1,700 per annum be reduced 10 per cent., with the exception of Professors Frieze and Pettee, whose salaries have been already arranged, and with the further exception of the Professors of the Law Department.

On motion of Regent E. C. Walker this resolution was referred to the Executive Committee with instructions to report at the next meeting.

*The said Committee would report as follows :*

That after a full correspondence between the members of the Executive Committee on this subject, and a conference with various members of the Faculties, and a careful and extended discussion with them of the whole subject of the reduction of salaries—the committee would recommend that the final report of the committee be deferred until the June meeting.

On motion the said report was accepted and adopted.

Regent S. S. Walker submitted the following resolution and requested that it be printed in the minutes.

*Resolved*, That it is the duty of this Board to so scale and establish the salaries of the Faculties of the University as, while giving just compensation for the labor performed, the value of the same to the University shall be the principal basis of the establishment of each.

The request to print in the minutes was granted.

Regent Rynd moved that the Board do now go into executive session. Agreed to.

Regent E. C. Walker, after the close of the executive session submitted the following resolution which was adopted.

*Resolved*, That in granting degrees to graduates of the Homœopathic College, each student must on his final examination, show at least an average minimum standing of four on a scale of seven, in the branches in which he is examined by the Professors of the College, and a like standing in the other branches, in which he is examined by Professors in the Department of Medicine and Surgery.

Regent Rynd submitted the following resolution, which was unanimously adopted :

*Resolved*, That the degree of M. D. be conferred upon the following named members of the Senior class of the Homœopathic Medical College.

Amelia Martha Atkins,  
Aaron B. Avery,  
James Douglas Baker,  
Sarah J. Coe,  
Horace Marvin Corey,  
Clark De Muth,  
William Alvord Franklin, Ph. B.,  
Merritt Eugene Graham,  
William B. Knapp, M. D.,

John Mallory Lee,  
Samuel Stewart Moffatt,  
Charles Eugene Walker,  
Stephen Eugene Warner,  
William Watts,  
Ellen Maria Webster,  
Frank Newman White,  
Francis M. Wright.

On motion the Board adjourned to 2 o'clock P. M.

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The Board of Regents reassembled in the room of the President at 2 o'clock P. M.

Present : a full Board except Regent Climie.

The resolutions submitted to the Board by Regent Maltz, covering a proposition from Messrs. Beal and Steere and which were made the special order for this hour, were called up for discussion. Previous to any remarks upon the proposition, Regent S. S. Walker in behalf of the committee on the Museum read the following paper :

ANN ARBOR, APRIL 11, 1878.

*To the Board of Regents of the University of Michigan :*

The undersigned, Rice A. Beal and J. B. Steere, hereby promise and agree to and with the said Board of Regents, that we will transfer and convey an undivided one-half interest in and to the collection, now on deposit with the University, known as the Beal-Steere collection in full liquidation of the decree recently rendered in the Circuit Court for the County of Washtenaw, in chancery, against Preston B. Rose and his

sureties, and on the acceptance of this proposition by the Board of Regents, we hereby agree to make a good, clear, and indefeasible title to our one-half interest in said property, which half interest in said property we hold at the sum of ten thousand dollars.

And we further undertake and agree that we will sell and convey to the said Board of Regents the remaining one-half interest in and to said collection, at any time within two years from this date, at the option of said Board of Regents, for the sum of ten thousand dollars, or we will sell the said one-half interest in said collection at a valuation to be fixed by a committee of two or more referees to be appointed by the Executive Committee of the Board of Regents, be the said valuation more or less.

Or at the option of said Board, we consent to a partition of said collection, provided that the first part of said proposition alone is accepted. *Provided*, that so far as practicable the said collection shall remain intact, and continue to be known as the Beal-Steere collection.

RICE A. BEAL,  
JOSEPH BEAL STEERE.

I make the foregoing proposition upon my part not because I recognize the above mentioned decree as a just and equitable claim against me, but because the court, Judge Huntington presiding, has rendered the decree against me.

RICE A. BEAL.

Regent S. S. Walker, having finished the reading of the foregoing proposition from Messrs. Beal and Steere, submitted the same to the Board without recommendation and asked that the committee be discharged from the further consideration of the subject.

On motion of Regent Grant the paper read by Regent Walker was accepted and the committee discharged.

Regent E. C. Walker submitted the following resolution, which was accepted by Regent Maltz, to stand in lieu of the first resolution which was submitted by him and which was made the special order of this hour.

The resolution of Regent E. C. Walker is as follows :

*Resolved*, That the proposition of R. A. Beal and J. B. Steere, as reported to the Board by the Committee for the Museum, be accepted so far as the purchase of an undivided half of said Beal-Steere collection is concerned and so far as the option is given to the Board to buy the other half or divide the collection.

After some discussion of the resolutions of Regent Maltz and the proposition of Messrs. Beal and Steere, Regent Grant submitted the following resolution and moved its adoption :

*Resolved*, That the further consideration of this subject be postponed till the next regular meeting of this Board, and that the resolutions and propositions of Messrs. Beal and Steere be referred to the Committee on

the Museum with instructions to report to this Board on all matters connected with the subject of said resolutions.

At the conclusion of the discussion of Regent Grant's resolution a call vote was demanded, and the result was as follows :

**Ayes**—Regents Grant, E. C. Walker and S. S. Walker.

**Nays**—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.

The resolution of Regent Grant was lost.

A preamble and resolutions were submitted by Regent Grant as a substitute for Regent Maltz's resolution to reinstate Dr. P. B. Rose in his former position in the University, which resolution submitted by Regent Maltz reads as follows :

*Resolved*, That Preston B. Rose be reinstated in his former position in the Chemical Laboratory as Assistant Professor, duties commencing at the fiscal year 1878-9. Salary same as heretofore.

The substitute above referred to and submitted by Regent Grant reads as follows :

WHEREAS, great scandal has arisen on account of the Laboratory defalcation, so called, and,

WHEREAS, said defalcation could not have occurred if Professors Rose and Douglas had done their duty, and,

WHEREAS, by the consent of all parties and the unanimous vote of this Board the controversy was transferred to the courts where the matter now rests, and both parties were removed from the University, therefore,

*Resolved*, That the interests of the University require that neither Professor Douglas nor Rose should ever be appointed to any position in this University, and that the best interests of the University require that there be no further agitation of this subject.

At the close of Regent Grant's remarks in support of the substitute, and of Regent Rynd's in opposition thereto, the Board adjourned to 7½ o'clock P. M.

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The Board of Regents re-assembled in the room of the President at 7½ o'clock P. M. with the President in the chair. Roll called. A full Board present, except Regent Climie, who was absent from illness.

The discussion on the substitute for Regent Maltz's resolution was briefly continued by Regent Grant and Regent Rynd. A

the close of their remarks, Regent Cutcheon requested that Professor J. B. Steere, who was then present, be permitted to make a statement relative to the cost, present condition, and value of the Beal-Steere collection, so-called. Permission was granted; whereupon Professor Steere made a verbal statement in accordance with the request of the Board.

The further discussion of Regent Grant's substitute for Regent Maltz's resolution was then resumed by Regent Duffield, and continued by Regent Cutcheon. The discussion being closed, an aye and nay vote on the adoption of the substitute was called for. The vote was as follows:

Ayes—Regent Grant, E. C. Walker, Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The resolution (as a substitute) of Regent Grant was lost.

The question recurring upon the adoption of the original resolutions submitted by Regent Maltz (as amended by the adoption of E. C. Walker's resolution) an aye and nay vote was called for. Pending the vote on the resolution, Regent Cutcheon requested that the resolutions be voted upon by the Board separately. The request was not agreed to. The roll being called, the vote was as follows:

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regent Grant, E. C. Walker, Cutcheon and S. S. Walker.

The resolutions of Regent Maltz were lost.

Regent Duffield submitted the following resolution:

*Resolved*, In view of the very peculiar history and complicated relations of the Rose-Douglas controversy to the Legislature of the State, to the decree in the court of chancery, to a divided Board of Regents, and to the best interests of the University and people of Michigan, that this whole matter be referred in good faith to the next meeting of the Legislature, for such advice to the Regents and such further action in the premises, as they may deem wise and necessary.

On the adoption of Regent Duffield's resolution the vote was as follows:

Ayes—Regents Rynd, Climie, Duffield and Maltz.



Nays—Regent Grant, E. C. Walker, Cutcheon and S. S. Walker.

The resolution was lost.

On motion of Regent Grant, the communications submitted by him containing legal opinions relative to matters discussed at the present meeting of the Board, were accepted and ordered to be placed on file.

Regent S. S. Walker rose to a question of privilege. He said he desired to place upon record the reasons why he declined to participate in the proceedings of the last meeting of this Board. He further stated that he held in his hand a paper which clearly set forth the reasons that influenced him in his action at that time, and requested that said paper be printed in the minutes. Objected to by Regent Rynd.

Regent Grant submitted the following resolution :

*Resolved*, That the statement of Regents S. S. Walker, E. C. Walker and C. B. Grant, stating their reasons for leaving the Board at the last meeting, be printed in the record, the same being offered by Regent S. S. Walker as personal explanation for his action.

Regent Rynd submitted the following proviso as an amendment :

*Provided*, That the gentlemen who remained in session, presided over by the President, during the voluntary absence of Regents Grant, E. C. Walker and S. S. Walker on the 26th and 27th ult., be and are hereby permitted to spread on the published minutes of the Board such paper in answer to that presented to the seceding Regents as they may deem proper.

The amendment was accepted by Regent Grant.

The resolution of Regent Grant as amended was adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Cutcheon, S. S. Walker, Duffield and Maltz.

The following is the paper submitted by Regent S. S. Walker, and referred to in Regent Grant's resolution :

#### STATEMENT OF A PORTION OF THE BOARD OF REGENTS.

We, the undersigned, members of the Board of Regents of the University of Michigan make this statement to the public in explanation and defence of our course to-day in leaving the Board without a quorum and

thereby preventing the passage of the following resolutions introduced by Regent Maltz:

WHEREAS, In the judgment of this Board, Preston B. Rose, late an assistant in the Chemical Laboratory, is not a defaulter in the matter of the so-called Laboratory deficit, and

WHEREAS, Such opinion based upon the researches and investigations of the Board is supported by the Legislature of the State and confirmed by the written opinion of Senator Christianity, late senior counsel for the Board, therefore

*Resolved*, In the matter of the suit of the Regents of the University of Michigan against Preston B. Rose, Silas H. Douglas and Rice A. Beal, and Willard B. Smith, John O. Wilson, and Harvey S. Street, executors, in the Circuit Court for the County of Washtenaw, State of Michigan, in chancery, that so much of the decree in said suit as orders or adjudges any sum or sums of money whatever, to be paid by said Preston B. Rose as principal, or his sureties, is fully remitted and cancelled; and that B. F. Granger, solicitor and counsel for the complainants in said suit, be, and is hereby directed to formally discharge said decree of Record, as against said Preston B. Rose and his sureties, saving and reserving all the rights of the complainants in said suit and under said decree as against Silas H. Douglas.

*Resolved*, That Preston B. Rose be, and hereby is appointed Assistant Professor of Physiological Chemistry at a salary of \$1,800 per annum, commencing April 1st, 1878.

After two years' contest in the Board over the Laboratory defalcation it was at the October meeting of 1877 considered that it was forever taken out of the hands of the Regents and transferred to the courts. All the Regents expressed themselves gratified that the contest was forever ended and that the University would soon get the money that had so long been its due. This was stated with special vigor by Regent Rynd.

At the next January meeting upon the coming in of two new Regents, Maltz and Duffield, we were astonished by the unexpected introduction by Regent Climie of a resolution proposing to surrender without any consideration all claim of the University to the decree for \$4,624.40, rendered in the Circuit Court for the County of Washtenaw, in chancery, in favor of the University and against Preston B. Rose and his sureties. Regent Rynd advocated the resolution in a prepared, elaborate speech, but the resolution was lost by a vote of four to four, Regent Cutcheon voting with the undersigned.

Immediately thereafter, Regent Maltz, a new member of the Board, who could have known little of the merits of the case, introduced a resolution, declaring the innocence of Dr. Rose in the face of the decree of the court and restoring him to his position in the University, which resolution failed to pass by the same vote.

At the present meeting of the Board Regent Cutcheon was detained by the dangerous illness of his wife. Immediately this morning upon the opening of the Board, Regent Maltz introduced the above resolutions, being almost the identical resolutions introduced at the January meeting and voted down. A motion was made to make the resolutions the special order for two o'clock in the afternoon, which was voted down by an aye and nay vote, Regents Rynd, Climie, Duffield and Maltz voting no. A motion was then made to separate the resolutions, which was voted down by the same vote. After Regent Grant had discussed the resolutions a short time, the previous question was moved, pending which we left the room and the Board was without a quorum.

The reasons for our course are as follows:

1st. The question of the relative liability of Rose and Douglas had by the unanimous action of the Board and consent of the parties inter-

ested been transferred to the court. It would be most unfair, after a final decree for the University to override and reverse the decision of the legal tribunal as to *one only* of the contestants.

2d. Prior to entering upon the trial of the case in court all the parties to the litigation had voluntarily entered into a written stipulation that the amount due the University, was \$5,671.87, and that the court was to ascertain how much of this amount was in the hands of each of the parties defendant.

3d. Under this stipulation the parties went to trial and the court fixed the liability of Rose for \$4,624.40, and the payment of that amount was well secured by his bondsmen. We consider it a gross breach of trust on the part of the Board to surrender without consideration, in obedience to outside and partizan pressure, that sum of money to the bondsmen of Dr. Rose, money which should be in the treasury and belongs to the people of this State.

4th. The bondsmen of Dr. Rose signed his bond with full knowledge of the circumstances and that Rose had been charged with the defalcation and after a committee of the Board, upon a careful and searching investigation had found Rose liable for about the same amount as the decree fixed upon him.

5th. We consider the surrender of a legal and collectable decree in favor of the University, without consideration, to be illegal, and beyond the power of the Board. The Board might as lawfully vote away the people's money to any other party or for any other purpose, benevolent or otherwise. The funds of the University are placed in our hands for other and specific purposes.

6th. We consider the appointment of P. B. Rose to any position in the University to be most unwise, because, 1st, there is no vacancy in the University and the duties of the position, to which by the resolution he is to be appointed, are very ably performed by a competent person at less than half the proposed salary; 2d, we believe him to be a defaulter to the University and unworthy of any place of honor or trust in the gift of the Board; 3d, no committee of investigation has ever exonerated him from liability for a portion of the defalcation.

7th. Here was an attempt to set aside the conclusions of two committees of former Boards of Regents and the decisions of the Board based upon them, and to reverse the decree of the court, by four Regents, not a majority of the Board, two of whom have just become members, and not one of whom, we venture to say, has ever read the testimony taken upon the trial of the case before the court.

We desire to treat the questions involved in this controversy on the basis of accepting the judgments of the courts as *final*, and we believe that the reinstatement of either party to the controversy would be unwise, of no possible good, but of great injury to the interests we have sworn to protect.

We did not withdraw from the meeting in any captious spirit. The only business of importance left undone was the conferring of degrees upon the graduates of the Medical Department, the Homeopathic College and the Dental College. We proposed to the other four members of the Board present, to meet with them for the purpose of acting upon the degrees, if they would agree to postpone action upon these resolutions to a full meeting. We further proposed to telegraph Regent Cutcheon to know if he could be here to-morrow and then bring the resolutions up, but these propositions were rejected, thereby showing a determination to force a vote on the resolutions without a full meeting.

Under the circumstances we saw no other way to prevent the perpetration of an outrageous wrong and injustice, the perversion of trust funds, as well as injury to the University, than to withdraw. In doing

this we think we did our whole duty and we willingly submit it to the judgment of the people.

C. B. GRANT,  
E. C. WALKER,  
SAMUEL S. WALKER.

ANN ARBOR, March 26, 1878.

The following is the "Answer." which has been communicated to the Secretary by Regents Rynd, Climie, Duffield and Maltz.

The undersigned, Regents of the University of Michigan, desire to place on record the following statement of facts, touching certain points made (or attempted) in a document signed by Regents C. B. Grant, E. C. Walker, and S. S. Walker, who absented themselves from the regular March Meeting of the Board, and thus, by leaving only the undersigned in attendance, who did not constitute a quorum, succeeded in preventing the transaction of all business,—the graduating of the Medical and Dental students included. Although the paper of the absentees was not presented to the undersigned, nor, so far as we know, to either the President or Secretary, but was prepared for the newspapers, yet we have made no objection to its being spread upon the minutes, and are willing that the absentees should have all the credit of their voluntary withdrawal, and also of the above document, which seems to be a sort of argument in defense of such an unusual and revolutionary proceeding.

1. The public are told that "by the unanimous action of the Board, and consent of the parties interested, the case (of the University vs. Douglas and Rose) has been transferred to the courts." The public are *not* told that Regents Cutcheon, Collier, Climie and Rynd voted in May, 1877, to dismiss the chancery suit as against Rose and his sureties,—just what the undersigned proposed at the March, 1878, Meeting; that the original suit in chancery was not instituted by authority of the Board of Regents, but was the surreptitious action of a part of the Executive Committee; that it was held in chancery by a tie vote of the Regents; that four of the Regents endeavored to mend what they could not dismiss,—this being the "unanimous action" referred to; that the attorney of Dr. Douglas, one of the defendants, was the solicitor of record for the Regents in a suit against Douglas and Rose; that Rose was willing as stated by Senator Christiancy, to have his case submitted to any other judge, but Douglas was opposed to the submission of his case to any other judge than Mr. Huntington; that Judge Huntington refused to grant a jury; that he finally offered to submit certain points at issue to a jury in Jackson County; that such submission would have necessitated a partial rehearing, involving great expense to the litigants; that the counsel of the Regents doubted the legality of such transfer to Jackson County, and that from the beginning of the case till this time every step taken by the prosecutors and the court seemed to be eminently satisfactory to one of the defendants, and to compromise the interests of the other.

2. The public are told that "all the parties to the litigation voluntarily entered into a written stipulation that the amount due the University, was \$5,671.87."

That this amount, and much more, was due the University was never questioned by the undersigned, and we were fully satisfied that not only was the late Director of the Laboratory primarily responsible for the defalcation, but also that the Legislature, through its able and impartial joint committee, was correct in tracing all, or nearly all, the defalcation into the treasury of Silas H. Douglas. Unquestionably the defendant Rose entered into this stipulation, conscious of his innocence, and fully believing that an able and unprejudiced judge would so determine.

The public are *not* told that the "voluntary" action of Rose and his bondsmen was secured by the grasp of an existing suit in chancery, from which they could not escape; the information is not given that the chancery suit, at least, so far as it might prejudice the interests of Rose's bondsmen, was a violation of good faith and common honesty; that it was a trick to which honorable men would not resort; and that the bond was given in view of a simple suit in law (before a jury).

The "voluntary stipulation" was necessitated by a combination of circumstances which neither Rose nor his bondsmen could have prevented, and which were the outgrowth of the machinery set in motion by some members of the Executive Committee, maintained throughout by the defendant Douglas, and sustained by the court,—a decree being granted which, we presume, was eminently satisfactory to the absentee Regents, and which was equally satisfactory to Douglas, if we may be permitted to judge from the urgency of his counsel in having it entered. The "stipulation" was forced on Rose by measures iniquitously legal and from which he had neither appeal nor remedy, except through the Regents, and the four men who voted to discontinue in May last were not a majority.

3. The attention of the public is called to a decree in favor of the University of \$4,624.40, and which cannot be surrendered without a "great breach of trust."

If the absentees had been as anxious to prevent the occurrence of a "great breach of trust" when they permitted Douglas to "run" the concern for so many years, without let, hindrance, or examination, as they now are to make R. A. Beal pay for the result of the Ex-Director's mismanagement and utter neglect of duty, the defalcation never would have occurred. Had they been as faithful in the effort to hold Douglas, as agent of the University, to a strict accounting, as they now seem to be in extracting money from the bondsmen of Rose by measures, which may meet their approval, but which certainly do not command the respect of the people of Michigan, the expense, strife, and wretchedness, growing out of nearly two years of tortuous litigation would have been unnecessary. Whether viewed in the light of simple *justice* to Rose and his bondsmen, or from the stand-point of public morality, we pity the men who can, without compunction, take from Rose that which the Legislature of the State traced to the capacious pockets of Douglas, a finding which we believe to have been essentially correct. Without, at this time, committing ourselves in regard to the collecting of the defalcation, on the basis of Judge Huntington's decree, we submit that the people of Michigan could better afford to lose the money, than appear as aiders and abettors to the meandering course which has culminated in a verdict,—a verdict which has utterly failed to secure the assent of the people, and which cannot be considered as either equitable or just. If the refusal to stamp with our approbation, a verdict at variance with our ideas of right; if our hesitation to take, even under the forms of law, money from the bondsmen of a person whom we consider innocent, and which we firmly believe is in the possession of another, be considered a "great breach of trust" by the absentees, we shall make an appeal to the people, who generally give an ultimate verdict for the right. Let our constituents decide as to who has committed an official "breach of trust."

4. The public are informed that the bond was given "with full knowledge of the circumstances," and "after a committee of the Board had found Rose liable."

The public are *not* informed that the chancery suit had not been instituted when the bond was given; that the bond was given with the clear understanding on the part of the sureties that the cause should be tried before a jury. There is no intimation that the attorney of Rose presented himself, by "stipulation," in court, to join issue in a suit at

law; that the person who then assumed to direct the interests of the University refused to meet the issue as had been agreed upon, and subsequently, instituted a chancery suit, based on a bill of complaint which was a special plea for Douglas, and an argument against Rose; that in view of the history of the case in relation to the institution of chancery proceedings, "the bond was *not* given with a full knowledge of the circumstances." The information is not given that the "Committee of the Board" but registered the Dec. '75 findings of Douglas. The public are not told that Rose "had been found liable" *without any form of hearing*; that he was expelled on an *ex-parte* investigation, against the remonstrance of two absent members of the Board, and at an unusual time of meeting, and that the late absentees voted for the dismissal, in the light, and as the result, of their own investigation.

5. The absentees object to the reinstatement of Dr. Rose, because "a competent person performs the work" at a salary of \$750 per annum.

This is a transparent begging of the question. This method of appointing men has never obtained in the University. An examination of the case may not only convince our absentee friends, but may also satisfy the public as to the economy resulting from the dismissal of Rose. By referring to the reports made to the Superintendent of Public Instruction we find that, (in addition to the salary paid Douglas, whose place as Professor of Chemistry is now filled by Dr. Langley, and also omitting the salary paid to Dr. Langley) there were employed in the Laboratory in

1873, two persons, salaries \$3,500,—48 students in Pharmacy.

1874, two persons, salaries \$3,500,—70 students in Pharmacy.

1875, three persons, salaries \$4,000,—68 students in Pharmacy.

1876, seven persons, salaries, \$6,750,—79 students in Pharmacy.

1877, seven persons, salaries, \$6,000,—64 students in Pharmacy.

In 1876, the son of Dr. Douglas was provided for. Rose was first dismissed in 1875. Vaughan and Crane were appointed in his place, and the amount given is what the salaries would have aggregated had all been employed and paid for a full year which was not the case. In 1877, Mr. Young was employed in "Chemistry and Physics," therefore we have charged but half his salary, in the above exhibit, to the Laboratory. In 1878, we are employing seven persons in the Laboratory, besides three others, with "Divided duties in the Literary and Pharmaceutical Departments," at a salary of \$3,600.

It is true that Dr. Vaughan has been receiving a salary of \$750.00 as "a competent person," in the Laboratory. He also graduated in the Medical Department in April, 1878. The duties of the senior year in the Medical Department usually occupy the full time and entire energies of an ordinary man. This young man was a successful student; graduated with honor, and proved to be a "competent person," as an instructor in the Laboratory, *all at the same time*. It would be interesting to ascertain the exact nature and extent of the work which he performed and for which he received \$750.00. We do not understand the matter. Probably the absentees can enlighten us. To us it appears that the expense has been greatly increased since the dismissal of Rose in 1875, and we would be gratified to learn the number of persons now engaged in performing the work which the late assistant was required to perform alone. In addition to the above we might question the economy of paying Douglas at the rate of \$2,500.00 per annum, during the years ending in 1876 and 1877, when engaged in the laudable work of vindicating himself from the consequences of his own short-comings. What duty did he perform for this \$5,000.00? What did he teach? Tell the public specifically the nature of the duties which the late Dr. D. performed.

6. The absentees tell the public in March, 1878, "that the reinstatement of either party would be unwise, of no possible good, but of great injury to the interests we have sworn to protect."

This is the most remarkable statement in the letter of our colleagues. In December, 1875, the Douglas Committee found in substance as the McGowan-Grant Committee of June, 1876, and as the Judge has lately decreed. In 1875, the absentees voted to suspend Rose; they refused to suspend Douglas; (Regent S. S. Walker was not then a member of the Board); in June, 1876, they voted to expel Rose and voted against the expulsion of Douglas; in March, 1877, when Douglas was expelled, they voted against such expulsion. Those of the undersigned, who were then members of the Board, labored and voted to purge the University of the man who had been false to the great trust reposed in him, in that he habitually neglected a very important duty; we believed him guilty, and with the aid of Regents Cutcheon and Collier dismissed him in March, 1877—two of the absentees voting against his removal, the third being absent. We are now told by the men who, in the light of all the facts, uniformly supported him, "that it would be a great injury to the interests we have sworn to protect" to "reinstate" him. What has occurred since the close of March, 1877, to accomplish such a wonderful change? Is this wonderful virtue the offspring of necessity? What has Douglas done since March, 1877, to produce such a radical change in the opinions of our conscientious colleagues? He has not been a defaulter to the University since. He has had no opportunity. No better endorsement of our conduct as regards Douglas could be furnished. We believed and have acted as Regents on the ground that his presence in the University "would be unwise, of no possible good, but of great injury to the interests we have sworn to protect." We rejoice over the conversion of our colleagues, and it costs us nothing to accept the remarkable change which they so solemnly publish to the world as genuine, and the result of their belief in his guilt.

We desire to reinstate Rose, because we believe with the legislative committee in his innocence; because we think our constituents, so believing, desire his reinstatement; because we consider him thoroughly adapted to the work as an Assistant Professor in Physiological Chemistry; and because we believe that it is always "good" and "wise" to repair, so far as may be, the wrongs of the past, and administer justice, however tardy. We have no apology to make. With our present information we are now (and shall be) ready to vote for his reinstatement.

Finally. The absentees were unfortunate in that they prejudged the case in December, 1875. Without meaning disrespect, it was the nature of the human mind to receive a bias from the character of the primary influences which were brought to bear by Douglas, through the Executive, on the Regents, then controlling affairs.

In our opinion they made a great mistake when they refused in 1875, to place both on the same footing. Their second grave mistake consisted in appointing on the June, 1876, Committee, the most active member of which testified that he believed Rose guilty before commencing the investigation. The third serious blunder made was in dismissing Rose without a hearing. The fourth mistake consisted in cutting off Rose from all proper means of defense by the June, 1876, resolution, which shut him off from all books, papers and records.

Then came the infamous chancery bill, as originally constructed. The sixth blunder was of long duration, and consisted in sustaining Douglas by voice, vote and personal influence, until he was finally dismissed by vote of the opposition in March, 1877. In addition to these there is the placing of the counsel of Douglas as solicitor for the Regents; permitting the accountants of Douglas to carry the books to Detroit; allowing the ex-Director free access to the counsel first employed by the Executive Committee, together with various other acts, indicating an unfortunate bias, which, in our opinion, has been equally disastrous to the interests of Rose and the cause of justice.

There is an essential difference between the three absentees and the undersigned. They were committed to the Douglas report of December, 1875. We were untrammelled by preconceived opinions. They have stood for the June, 1876. report. We think *conviction* without a hearing, and by a tribunal without powers, unusual. We accept the findings of the Legislature—from our own investigations we have arrived at substantially the same conclusions. They have been cribbed, confined and limited by their original endorsement of the Douglas findings. We refuse to make Rose the scape-goat of another man's transgressions. We believe Douglas guilty and will oppose his reinstatement. We have confidence in the integrity of Rose, and think the long travesty on justice will be defeated by his reappointment.

Our colleagues resorted to revolutionary methods to defeat the will of the March, 1878, meeting. We are opposed to every such act, and consider it unjustifiable. Confident that full and exact justice will yet be extended to Rose, we submit the whole question to that court of last resort—*our constituents*.

C. RYND,  
ANDREW CLIMIE,  
GEORGE DUFFIELD,  
GEO. L. MALTZ.

Regent Cutcheon submitted several communications containing legal opinions upon matters which had been discussed at the present meeting of the Board, and asked that the papers be placed on file. Agreed to.

On motion of Regent Grant, the Board adjourned to 8½ o'clock, Friday morning.

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UNIVERSITY OF MICHIGAN, )  
Friday, April 12, 1878. )

The Board of Regents reassembled in the room of the President at 8½ o'clock A. M.

Present, a full Board.

The bill of Hon. Wm. L. Webber for professional services and cash expenses amounting to \$898.70, which has been examined by the Finance Committee and found correct, was reported to the Board by Regent Maltz, and payment recommended.

The vote on payment of the bill as recommended by the Finance Committee was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, S. S. Walker, Climie, Cutcheon, Duffield and Maltz.

Nays—None.

Regent Maltz reported a bill received from Peter Tuite, county clerk, for fees in the suit entitled "The Regents of the University of Michigan vs. Rose, Douglas and others," amounting to



\$18.10. After having examined and found the same correct, the Finance Committee recommended that the bill be paid.

Regent Rynd moved that the report be accepted and the bill be paid. Agreed to by vote as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

Regent Maltz also submitted a bill from Mr. P. Tuite for "taking care of books and papers for 25 days in the case of the Regents vs. Douglas, Rose et al.," amounting to \$37.50.

Regent Rynd moved that the sum of \$25 be allowed in full payment of Mr. Tuite's bill of \$37.50, which was agreed to by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

Regent Rynd submitted the following resolution which was adopted :

*Resolved*, That the Finance Committee be instructed to make immediate investigation as to whether the treasurer of this University, appointed in 1872, has furnished the necessary bond; and further, if no such bond can be found, to demand the immediate execution of such bond on the part of the treasurer.

The following resolution was also submitted by Regent Rynd and adopted :

*Resolved*, That the Finance Committee be and is hereby instructed to prepare and present to the Board at the June meeting such system of keeping accounts and such method of financial management as in their judgment our present interests demand.

The following resolution, introduced by Regent Maltz, was adopted :

*Resolved*, That the Committee on Museum report to this Board at the next meeting, what advances or other expenses have been made by the University on the Beal and Steere collection.

Regent Cutcheon submitted the following resolution, which was adopted :

*Resolved*, That the Committee on Chemical Laboratory be and is hereby instructed to inquire and report as to the number of persons employed in the said Laboratory, the amount of their salaries and the cos-

of operating said Laboratory, for each year from 1874 to the present time—Also that said committee be instructed to investigate and report whether any reduction in the working force or expense of said Laboratory can be made without detriment to the usefulness of said Laboratory, said committee to report at the next meeting of this Board.

Regent Cutcheon also submitted the following resolution :

*Resolved*, That the Executive Committee to which was referred the matter of a revision of the by-laws of this Board be instructed to submit their report at the next regular meeting of this Board..

Adopted.

Regent Cutcheon moved that the Board do now go into executive session.

Ayes—Regents E. C. Walker and Cutcheon.

Nays—Regents Rynd, Climie, S. S. Walker, Duffield and Maltz.

Not voting—Regent Grant.

The following resolution was submitted by Regent Rynd.

*Resolved*, That the resignation of Wm. L. Webber be and is hereby accepted, and that Hon. Austin Blair, of Jackson, be and is hereby appointed as sole counsel for the University in all suits now pending.

A call vote was taken, with the following result :

Ayes—Regents Rynd and Maltz.

Nays—Regents Grant, E. C. Walker, Climie, Cutcheon, S. S. Walker and Duffield.

The resolution was lost.

Regent Rynd now submitted the following resolution :

*Resolved*, That the resignation of Hon. Wm. L. Webber be and is hereby accepted, and that Hon. J. G. Ramsdell, of Traverse City be and is hereby appointed as sole counsel for this Board, in all suits now pending.

The vote on the adoption of the resolution was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, Duffield and Maltz.

Not voting—Regent S. S. Walker.

On motion of Regent Cutcheon, the Secretary was instructed to transmit a copy of the resolution just adopted to the Hon. W. L. Webber, at the earliest possible day.

Regent Grant moved that the Board do now go into executive session.

The motion prevailed.

At the close of the executive session the Board resumed the unfinished business of the open session.

The President stated to the Board that the Faculty of the Department of Literature, Science and the Arts were of the opinion that the best interests of that Department demanded, and would be subserved by publishing an announcement for circulation, and that a sum not exceeding \$200 would be necessary to defray the expense, whereupon Regent Grant submitted the following resolution.

*Resolved*, That the Committee on the Literary Department be authorized to expend a sum not exceeding \$200 in making announcements for said Department, provided they think it advisable.

The resolution was adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon S. S. Walker, Duffield and Maltz.

Nays—none.

The following resolution was also submitted by Regent Grant and adopted :

*Resolved*, That Regent Cutcheon be instructed to send to the Hon. I. P. Christiancy a copy of the sworn statement of R. A. Beal presented at the January meeting of this Board and request from him a reply thereto if he desires to make one, to be printed in the record of this meeting.

The following is the communication which the Hon. I. P. Christiancy has furnished in response to the above resolution :

WASHINGTON, D. C., April 20, 1878.

DOCTOR J. B. ANGELL, President Board of Regents :

DEAR SIR :—On my arrival here from Michigan, whence I have just returned, I find a letter from Regent Cutcheon, of April 12th, and one from Mr. Bennett, Secretary, covering a resolution of the Board and what purports to be a printed copy of part of R. A. Beal's memorial or petition to the Board, none of which I ever saw before, except a part of the third paragraph (on page 196 as printed) which I think is the same in substance as purported to be quoted in the Free Press in a printed letter of Messrs. Douglas and Pond. To this part, so quoted in the Free Press, I have already replied in my published letter to Messrs. Pond and Douglas to which I refer. And I will here reiterate that I never represented or promised to Mr. Beal that "in case he (the Judge) should so find, etc.," as then stated, nor in any other contingency, I would make a representation of the facts to the Board by which he, (Beal), would be relieved in the premises;" nor did I ever think of making any such promise or agreement; nor was any inducement held out or offered to Mr. Beal, so far as I know, for his withdrawing his demand for a jury. In confirmation of this I refer to the letter of Mr. Webber of the 13th February last, which I inclose. And I will here say that my letter, which was published in the

Post & Tribune, was written just as it now is and shown to Mr. Backus of that paper here, before I had concluded to telegraph Mr. Webber, and, though I retained that letter until I got Mr. Webber's reply, I did not find it necessary to alter a single word of my letter as previously written.

Now, as to the second paragraph on page 196 of the printed slip sent me, which represents that Mr. Beal was induced to enter into the stipulation upon my representations and assurances that the cause would be tried before some other Judge than Judge Huntington, I will say that I never gave any such "assurances," but always told him that was a matter over which I had no control. I did, however say, substantially, to Mr. Beal and to one of the counsel of Doctor Douglas, that I thought for several reasons, it would be better that some other Judge should try the cause; not because I doubted the integrity of Judge Huntington—for I never doubted his integrity nor have I ever said anything which I supposed in any manner impugned his integrity. But as much feeling had been aroused in the case in some of its former stages before Judge Huntington, and Mr. Beal, who was the active party in the defence of Rose, had once been fined by Judge Huntington for contempt, and the matter had been discussed in the papers and talked of among the members of the legislature and others, and people had taken sides upon the case, and some distrust seemed to exist in the minds of some who favored Rose, that the Judge might not feel entirely unbiased—which though I believed to be without any real foundation, I nevertheless saw would be likely to weaken the confidence of some portion of the people in the findings of the Judge, if he should find against Rose, and because the Judge himself, owing to these and like reasons, might feel more embarrassed in the trial of this than of ordinary causes. For these and like reasons and to protect the University against the effects of popular prejudice and excitement, however groundless, I did think it wise and best for the public interest that the case should be tried before some Judge who had had no previous connection with the cause and whose decisions and rulings would be more likely to command the confidence of *all* the people. I did not keep those views a secret from either side, but expressed them freely to both. I soon found however that none of these considerations had any weight with the counsel of defendant Douglas, and that they were or, at least one of them was, strongly opposed to having any other Judge try the cause. I never approached the Judge upon the subject of calling in another Judge. But through a mutual friend, a gentleman of high character on intimate friendly relations with the Judge, and who thought as I did, I learned that the Judge was inclined not to try the cause himself, but to call in another Judge. This was, I think, after the stipulation to which Mr. Beal refers. And I think after the stipulation was filed I received a letter from the clerk of the court, (or it may have been his deputy, for I have not the papers here), stating, I think, in substance, that Judge Huntington had determined to call in another Judge or thought of doing so, and wishing to know whom I preferred, or whether I had any preference; to which, I think I replied substantially, that I had no preference, so that it should be one who had had no connection with the cause, etc.

I am truly yours,

I. P. CHRISTIANCY.

The following is Mr. Webber's letter, referred to above:

EAST SAGINAW, February 13, 1878.

Hon. I. P. CHRISTIANCY, Washington, D. C.:

DEAR SIR:—I received your telegram to-day, dated February 12th and referring me to the Free Press of the 8th inst., where a quotation was made from Beal's petition to the Regents relative to the reasons which induced him to withdraw his demand for a jury. In your telegram you say that the interview was in your room at the hotel and that I

was present. The statement as made in the Free Press of the 8th is that he (Beal) "was induced to withdraw his claims to a jury to try such questions (questions of the forgery of the letter 'D' and the red line, etc.) upon the statement and representations of the said Christianity, who had been present and heard all the evidence given upon said trial, that there was no evidence in the cause by which the Judge, Hon. Geo. M. Huntington, would be authorized to find that any such red lines or initial 'D's were forged; and that in case he should so find, he (you) would make a representation of the facts to this Board by which your petitioner would be relieved in the premises."

In response to your request I can only say that there was no such language used nor anything that would bear that construction or which represented that idea, in any interview between Beal and yourself at which I was present. I never heard you express such an intention either in the presence of Mr. Beal or at our private consultations. I would state further, that my recollection of the interview at your room where Mr. Beal was present and at which interview I was first informed that Mr. Beal had concluded to withdraw his claim for a jury and submit the case to the Judge, is substantially this:—Premising that Judge Huntington had expressed his intention of removing the case to Jackson county and submitting it to a jury, and that I was very decidedly of opinion that he had no jurisdiction, sitting in chancery, to transfer a feigned issue to another county for trial, and had consequently so argued in court and that you entertained grave doubts, as you stated in open court, concerning the legality of such a course, and the matter being submitted to the Judge (after counsel for all parties had been heard) for his consideration, the interview spoken of was at your room. My recollection is that Mr. Beal, without any representations from either of us, at that time announced that he had concluded to instruct his counsel to withdraw their demand for a jury under the circumstances, assigning as reasons, that as counsel in the case seemed to entertain so much doubt about the legality of that course, and as the verdict of the jury when obtained, (as all conceded) would not be binding upon the Judge but would be merely advisory, and as the expense of a trial was so exceedingly burdensome,—in view of these considerations, he had concluded to instruct his counsel to withdraw all opposition to the question being submitted to the Judge for his decision.

Very Respectfully, Your Obedient Servant,  
WM. L. WEBBER.

Regent E. C. Walker presented the following resolution, which was adopted:

*Resolved*, That the name of Hon. J. G. Ramsdell be substituted for that of Hon. W. L. Webber, resigned, in all the existing suits of the Board of Regents, as sole counsel of the Board.

The following resolution submitted by the chairman of the Finance Committee was adopted:

*Resolved*. That the sum of \$317.85 be and is hereby appropriated for Regents' expenses.

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

On motion the Board adjourned.

H. D. BENNETT, Secretary.

## JUNE MEETING.

UNIVERSITY OF MICHIGAN,  
Tuesday, June 25, 1878.

The Board of Regents convened in the room of the President at 10 o'clock A. M.

Present: the President, Regents Rynd, E. C. Walker, Climie Cutcheon, S. S. Walker, Duffield and Maltz.

The meeting was called to order and was opened by devotional exercises by the President.

The minutes of the last meeting were approved as printed.

The following communication was received from the Dean of the Department of Medicine and Surgery:

*To the Honorable the Board of Regents:*

GENTLEMEN:—By direction of the Faculty of the Department of Medicine and Surgery, I have to report that the candidates whose names are subjoined have complied with all the requirements of that Department for graduation, and are therefore recommended for the degree of Doctor of Medicine:

Frank Eugene Andrews,	Victor Hugo Jackson, D. D. S.,
Asa Lapham Blanchard,	E. Olin Kinne, Ph. B.,
Patrick Brennan,	Damon Morgan Little,
Phebe Brooks,	J. Harvey Lyon,
William Early Burtless,	John A. McLeod,
Tareh H. Choolhain, B. S.,	Duncan F. McMillan,
Thomas Canning Church,	Eugene H. Mead,
John E. Conlan,	Alpheus Goodman Mesic,
John Davidson,	Allen Nelson Moore,
Edward Van Ness Davis,	Delbert E. Robinson,
Emma A. Decker,	George Warren Spencer,
Henry A. Fitch, P. C.,	George Mitchell Swain, Jr.,
Charles Walter Gardner,	Lavinia Todd,
Frank B. Golley,	William Joshua Webb,
Charles H. Gunmaer,	Nathan H. Williams,
Ohier Persha Huston,	William Elwood Ziegenfuss.

Respectfully submitted,

A. B. PALMER, Dean.

On motion of Regent Rynd, the degrees were conferred as recommended.

The following communication from the Dean of the Faculty

of the School of Pharmacy was received and was read by Regent Rynd :

SCHOOL OF PHARMACY, UNIVERSITY OF MICHIGAN, }  
Ann Arbor, June 24, 1878. }

*To the Honorable the Board of Regents:*

By direction of the Faculty of the School of Pharmacy, I have to report that the students whose names are here given have completed all the requirements for graduation with the degree of Pharmaceutical Chemist, and they are therefore recommended to you for that degree :

Frank Atwood Brooks,	Louis Ernest Seyffardt,
Hulett White Calkins,	Amasa D. Smith,
Alexandrine Egeroff, M. D.,	Ellery Spencer,
Elbridge Dayton Gibson,	Henry Stecher,
William Andrus Hasbrouck,	Hugo Thum,
Henry Heim,	Perry Leland Townsend,
Cyrus Wellard Heister,	Robert Henry Wallace,
Oscar Herman Koehnle,	George E. Wilson,
Hugo Lorens Lupinski,	Clinton Edwin Worden,
Theodore Fred Meyer,	Theo. John Wramplemeyer,
Lucius Wright Moody,	

Very respectfully,

ALBERT B. PRESCOTT, Dean of the Faculty.

On motion of Regent Rynd, the degree of Pharmaceutical Chemist was conferred upon the persons named in the above communication as recommended by the Faculty of the School of Pharmacy.

The President announced that the Dean of the Homœopathic Medical College had submitted " a report of the standing of candidates for the degree of Doctor of Medicine " in that College. He further stated that the candidates had completed the requirements for graduation and were entitled to the degree of Doctor of Medicine, in accordance with the existing rules of the Board. Whereupon Regent Rynd submitted the following resolution :

*Resolved*, That the degree of Doctor of Medicine be and is hereby conferred upon the following persons, now members of the Homœopathic Medical College, who have completed the prescribed course of study :

Edward Everett Hoit,	Isaac Ohlinger,
John Summerfield Martin,	Joel Sylvanus Wheelock,
	Grace Roberts, M. D.

The resolution was adopted.

On motion of Regent Rynd, the Board went into executive session, at the close of which business in open session was resumed.

Regent Rynd submitted the following resolution :

*Resolved*, That all papers relating to the charges preferred against Prof. Samuel A. Jones be referred to the Executive Committee; also that the papers on file relating to charges made by Dr. Donald Maclean against Dr. J. G. Gilchrist take the same course.

The resolution was adopted.

The President read a communication from Hon. C. D. Randall, Secretary of the Board of Control of the State Public School, Coldwater, Michigan, which was referred to the Committee on the Department of Medicine and Surgery.

A communication from Samuel T. Douglas, resigning his office of Assistant in the Chemical Laboratory, was received and referred to the Committee on the Chemical Laboratory,

On motion of Regent Clinie, the Board adjourned to 3 o'clock P. M.

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UNIVERSITY OF MICHIGAN, )  
Tuesday, June 25th, 1878. )

The Board of Regents reassembled in the room of the President at 3 o'clock P. M.

Present, a full Board except Regent Grant.

Regent Rynd, Chairman of the Committee on the Department of Medicine and Surgery, submitted a report accompanying the letter of Hon. C. D. Randall, Secretary, which letter was read by the President at the morning session of the Board, and moved that both letter and report be printed in the minutes.

The motion prevailed. The following is the letter and report referred to :

COLDWATER, JUNE 19, 1878.

Dr. J. B. Angell, Ann Arbor, Mich. :

Will you oblige me by bringing the matter here referred to to the attention of the Regents, and if I have not addressed the proper officer, will you please refer this letter to such an one as you shall deem proper. It would afford great relief to the State Public School and the class it would aid, if the State would make provision for the maintenance and treatment of dependent children who are afflicted with chronic diseases or requiring surgical operations. They are not admissible to this school, and when they are sent here we are obliged, reluctantly, to return them to the poor houses, where they have no proper treatment. If the Regents would recommend the action here suggested by the Legislature, it would have much influence in the desired direction. The proper place for such maintenance would be of course at the State Hospital at Ann Arbor.



Should it be desired, I will write more in full, giving statistics, number requiring treatment, reasons for State aid, etc, etc.

Yours truly,

C. D. RANDALL.

Sec. Board of Control State Public School.

*To the Honorable Board of Regents:*

The Committee on Medical Department, to whom was referred the above communication from Hon, C. D. Randall, have given the subject careful consideration, and would respectfully report that we are ready to afford accommodation to all such afflicted persons to the extent of the room at our disposal, and that we will guarantee to them kind and careful treatment. As we have no fund for the support of such persons, or indeed, of any persons brought to the hospital for treatment, we must await the action of the Legislature for the necessary funds for this work. We shall cheerfully join with the State Public School officers in asking that such afflicted, dependent children be provided for, and hereby express our entire willingness to give them all the advantages of the University Hospital.

C. RYND.

SAMUEL S. WALKER.

ANDREW CLIMIE.

The following report from the Committee on the Department of Medicine and Surgery was presented and read by Regent Rynd:

The Committee on the Medical Department would respectfully report the following recommendation:

From and after the present Commencement two Doctors of Medicine, citizens of the State, and in professional accord with the Department of Medicine and Surgery of the University, shall be annually appointed Examiners by the Board of Regents at the June meeting, and they shall act with the Faculty of said Department at the next succeeding examination of candidates for graduation in that Department, and shall jointly with such Faculty report to the Board of Regents the names of such candidates for graduation as they may deem worthy.

C. RYND.

SAMUEL S. WALKER.

ANDREW CLIMIE.

The vote on the adoption of the report was as follows:

Ayes—Regents Rynd, E. C. Walker, Cutcheon, S. S. Walker, Duffield and Maltz.

Not present—Regent Climie.

The report was adopted.

The following report from the Committee on the Department of Medicine and Surgery was read by Regent Rynd :

*To the Honorable the Board of Regents :*

GENTLEMEN—The Committee on the Medical Department would respectfully report the following recommendation, viz:—that from and after the present Commencement two Doctors of Medicine, citizens of the State, and in professional accord with the Homœopathic Medical College of this University, shall be annually appointed by the Board of Regents at the June meeting as Examiners, and that they shall act with the Faculty of said College at the next succeeding examination of candidates for graduation in that College, and shall jointly with such Faculty have sole charge of all examinations in said Homœopathic College and report to the Board of Regents the names of such candidates for graduation as they may deem worthy.

We would also recommend that the necessary expenses of such Examiners, both in the Department of Medicine and Surgery and also in the Homœopathic College, be paid by the University while they are actually engaged in the performance of such official duty as Examiners.

C. RYND,  
SAMUEL S. WALKER,  
ANDREW CLIMIE.

The report was adopted by the following vote :

Ayes—Regent Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following resolutions submitted by Regent Rynd. were unanimously adopted :

*Resolved.* That Wm. Brodie, M. D., of Detroit, and Homer O Hitchcock, M. D., of Kalamazoo, be appointed as Examiners in connection with the Faculty of the Department of Medicine and Surgery for the coming year.

*Resolved,* That A. J. Sawyer, of Monroe, and C. S. Morley, M. D., of Pontiac, be appointed as Examiners in connection with the Faculty of the Homœopathic Medical College for the coming year.

The annual report of Mr. Raymond C. Davis, Librarian, was received and read by Regent S. S. Walker. On motion of Regent Duffield, the report was accepted and ordered to be placed on file.

Regent Cutcheon submitted the following resolution, which was adopted :

*Resolved,* That so much of the report of the Librarian as relates to

the salary of Miss Farrand, be referred to the Finance Committee for report and recommendation.

Regent Rynd submitted the following resolution :

*Resolved*, That Charles Gatchell, M. D., be and is hereby appointed Professor of Theory and Practice of Medicine in the Homœopathic Medical College, at a salary of \$2,500 per annum, subject to any general reduction which may be made by the Board at the present meeting.

On motion the resolution was laid on the table for the time.

Regent S. S. Walker stated that the Committee on the Museum was not prepared to submit a report at this meeting of the Board, relative to the Beal-Steere collection, and asked for further time, which was granted.

The President called the attention of the Board to the importance of publishing a General Catalogue during the current year, and asked a favorable consideration of the subject. On motion of Regent Rynd the matter was referred to the Committee on Finance.

A report from Professor C. L. Ford relative to the Physiological Laboratory was read by Regent Rynd, which was accepted and ordered to be printed in the minutes.

*To the Honorable Board of Regents of the University of Michigan :*

GENTLEMEN—It will doubtless be remembered that in October, 1877, a report was presented, showing what had been done at that date in equipping the Physiological Laboratory for the work contemplated in its organization.

The microscopes then expected were duly received, and work was commenced immediately.

The room and instruments would accommodate fifteen students at a time; and to give the benefit of such instruction to as many as practicable, six classes of fifteen each were formed.

Each of these classes devoted one afternoon every week to practical work on the following plan :

A lecture varying, as the subject of study required, was the first exercise, and the balance of the afternoon was devoted to personal work with the microscope and such tissue or fluid as formed the subject of study, each student having the use and care of an instrument, the necessary accessories for that afternoon.

The course of study consisted of ten lessons, occupying the same number of weeks. Thus three courses have been given, and over two hundred and fifty students have received instruction in this department during the year.

It is not, of course, to be presumed that all these students have, in this brief time, become experts in microscopy, but they have been instructed how to use the microscope, how to prepare specimens, and how to recognize the minute and important substances which form the objects of study, and are thus fitted to go on with their investigations elsewhere

until they become proficient in the work thus inaugurated on a right basis.

In this connection it is proper to state that for purposes of instruction in the Laboratory we have the following facilities, viz:

Fifteen American microscopes of superior construction, each instrument having two eye pieces, micrometer, camera-lucida, a one-inch, one-fourth-inch and one-eighth-inch Spencer objective.

There is also a Marcy's stereopticon, with an attachment for exhibiting microscopical preparations on the screen.

The 'cabinet' is supplied with some four hundred specimens, illustrating normal and pathological tissues.

The Library contains about one hundred volumes of standard works on microscopy and allied subjects.

We have likewise a Sphygmograph, transfusion apparatus, and such accessories as are required for thorough work in this department.

Respectfully submitted,

C. L. FORD.

Ann Arbor, Mich., June 24, 1878.

The following communication was read by Regent E. C. Walker:

ANN ARBOR, March 29, 1878.

*To the Board of Regents:*

The Faculty of Law have decided that Mr. General George Gates, of Modesta, California, of the late senior class, will be entitled to a diploma at the June commencement next. I give this as a certificate to that effect.

Very truly yours,

T. M. COOLEY.

On motion of Regent E. C. Walker the degree of LL. B. was awarded and ordered to be conferred at the present June Commencement.

Regent Cutcheon submitted the following resolution, which was adopted:

*Resolved*, That the Executive Committee be and is hereby discharged from the further consideration of the communication of Professor Maclean relative to Professor Gilchrist, and that the same be referred to the Committee on Law Department for examination and report.

A report was received from Professor A. B. Prescott, of the School of Pharmacy, which was read by Regent Cutcheon, and on his motion the report was referred to the Committee on the Chemical Laboratory.

On motion of Regent Rynd the Board went into executive session, at the close of which the business of an open session was resumed.

On motion of Regent Rynd, the resolution relative to the appointment of Dr. Charles Gatchell to be Professor of Theory and Practice of Medicine in the Homœopathic Medical College, was taken from the table and adopted by the following vote :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, Duffield and Maltz.

Not voting—Regent S. S. Walker.

Regent Maltz, of the Finance Committee, reported the following resolutions, and recommended their adoption :

*Resolved*, That a warrant for \$275 be drawn to pay J. G. Ramsdell, counsel for Board.

*Resolved*, That a warrant for \$42 be drawn to pay assistant accountants for copying under instructions of J. G. Ramsdell.

*Resolved*, That a warrant for \$50 be drawn to pay assistant E. E. Benedict.

*Resolved*, That a warrant for \$739.29 be drawn, dated April 30, 1878, to refund payment of said sum to Henry D. Bennett as advanced to Andrew Climie for services as accountant and traveling expenses and hotel bills.

On the adoption of the first three resolutions the result of an aye and nay vote was as follows :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nay—None.

The fourth resolution was laid on the table for the time.

On motion of Regent Cutcheon the Board adjourned to 8 o'clock, P. M.

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UNIVERSITY OF MICHIGAN, )  
Tuesday, June 25, 1878. )

The Board of Regents reassembled in the rooms of the President at 8 o'clock, P. M.

Present—The President, Regents Rynd, E. C. Walker, Cutcheon, S. S. Walker, Duffield and Maltz.

Absent—Regents Grant and Climie.

Regent Rynd asked to be excused from serving on the Executive Committee during the examination of the charges now pending against the Professors in the Homœopathic Medical College, and suggested that Regent Maltz be substituted in his place.

On motion of Regent Walker, the request of Regent Rynd was granted.

Regent Cutcheon submitted the following report, which was unanimously adopted :

The Executive Committee, to whom were referred the charges and specifications filed against Dr. S. A. Jones, respectfully report that the Committee is of the opinion that the Board cannot sit as a court to try charges preferred as prosecuted by parties outside the University, and that to do so would establish a most unfortunate and troublesome precedent.

But your Committee is of the opinion that whenever matters of sufficient gravity to require the attention of the Board, as affecting the usefulness of any instructor, or his fitness to be an instructor of youth in the University, are presented, the Board owes it to itself to examine into such matters, to the end that the University may take no detriment.

And your Committee are of the opinion that the matter embraced in the second specification of the first charge, and the first and second specifications of the second charge, and the first and second specifications of the third charge, are of a nature and importance to require some examination at the hands of the Board, and your Committee therefore recommend that the matter embraced in the above named specifications be referred to a Committee of this Board for examination and report at the earliest date practicable.

The Committee therefore submit the following resolutions :

*Resolved*, That the matter embraced in the  
Second specification, first charge,  
First and second specifications, second charge,  
First and second specifications, third charge,

of the paper presented by F. Woodruff, M. D. and DeForest Hunt, M. D., against Prof. S. A. Jones, M. D. be referred to the Executive Committee for examination, report and recommendation.

*Resolved*, That said Committee notify the person representing the parties preferring the paper in question, and also Prof. S. A. Jones, of the time and place where said Committee will sit to conduct their examination, and where said parties may present such evidence as said Committee may deem pertinent and proper.

B. M. CUTCHEON,  
Chairman.

Regent Cutcheon presented the following resolution which was adopted :

*Resolved*, That Hon. J. G. Ramsdell, counsel for the Board in pending suits, be and hereby is authorized to call to his assistance Mr. A. Climie to aid him in presenting the facts involved in the separate accounting with Dr. Douglas, upon the hearing, now set down for Tuesday next, in the Circuit Court, for the county of Washtenaw, in chancery.

Regent Maltz submitted the following report and resolution, which was adopted :

*To the Board of Regents :*

Your Committee would report the following resolution on resignation of Samuel T. Douglas tendered this day :

*Resolved,* That the resignation of Samuel T. Douglas, Assistant in chemical department, be and is hereby accepted, to take effect on the first day of October, 1878.

GEORGE L. MALTZ.  
E. C. WALKER,  
C. RYND.

Regent Duffield submitted the following preamble and resolution :

**WHEREAS,** The old azimuth instrument is entirely unfit for further repair or use, and a new instrument is absolutely necessary, therefore,

*Resolved,* That an appropriation not exceeding \$275 be made, and the request of Assistant Professor Davis be granted.

GEORGE DUFFIELD.  
E. C. WALKER,  
GEORGE L. MALTZ.

The resolution was adopted by vote as follows :

Ayes—Regents Rynd, E. C. Walker, Cutcheon, S. S. Walker, Duffield and Maltz.

Nay—None.

A communication from W. M. Bailey, M. D., President of the Michigan Homœopathic Medical Society, was read by Regent Maltz, which was ordered to be placed on file.

On motion of Regent E. C. Walker, the Board went into executive session, at the close of which the Board adjourned to Wednesday, June 26, 1878, at ten o'clock, A. M.

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UNIVERSITY OF MICHIGAN, )  
Wednesday, June 26, 1878. )

The Board of Regents reconvened in the room of the President at 10 o'clock A. M.

Present, a full Board, except Regent Grant.

The first business in order being the examination of the charges against Prof. Samuel A. Jones, of the Homœopathic

Medical College. the room was placed at the disposal of the Executive Committee of the Board, who went immediately into session.

At the close of a prolonged session of the Executive Committee, a full Board, except Regent Grant, reassembled in the room of the President at 12 o'clock noon.

The following communication from the secretary of the Faculty of Literature, Science and the Arts was received:

*To the Honorable, the Board of Regents of the University of Michigan:*

GENTLEMEN: By direction of the Faculty of the Department of Literature, Science and the Arts, I beg leave to report that, by vote of said Faculty, the following persons have been recommended to you for their degrees, as follows:

**BACHELOR OF ARTS.**

Alexis Caswell Angell,	Jerry Whipple Jenks,
Walter Wheaton Augur,	William Lee Jenks,
Florus Alonzo Barbour,	George Wells Knight,
Minnie Bary,	Howell C. Moore,
Cora Agnes Benneson,	William V. Moore,
William Henry Butts,	Harry Pierce Myrick,
Mary Elizabeth Byrd,	Annie Smith Peck,
Eva Chandler,	Charles Kendall Perrine,
J. Rose Colby,	James Hervey Raymond,
Webster Cook,	Albert William Ryan,
Michael Buchanan Danaher,	Orr Schurtz,
Charles M. Daugherty,	James Truman Shaw,
David Noble De Tarr,	Douglas Houghton Stringham,
Randall P. W. Fleming,	Sarah Elizabeth Swift,
Franklin Garrison,	Cora Hione Townsend,
Charles Mills Gayley,	Stuart Douglas Walling,
Clarence Griggs,	Horace Bailey Wamsley,
George Hatfield Harrower,	Andrew Whitehead,
George Horton,	George Spencer Willits,
Edward King Hubbard,	Theo. John Wrampelmeier,

**BACHELOR OF PHILOSOPHY.**

Daniel Ayres Allen,	Watson Dexter Hinckley,
Marion Benjamin Allen,	William Clatfin Johnson,
Charles Malcolm Cooley,	Albert James Norton,
John Herbert Edwards,	Ross Wilkins,
Charles Edwin Garner,	

**BACHELOR OF SCIENCE.**

Charles Emerson Beecher,	Jay Junius Read,
Paul Henry Hanus,	Louis K. Webb,
Horace Greeley Myers,	

**CIVIL ENGINEER.**

George Franklin Allmendinger,	Charles Fernando Owen,
Clarence Oliver Arey,	James Sanderson,
James Dick Du Shane,	Ossian Cole Simonds,
William V. Grove,	Frank Leonard Sizer,



John Butler Johnson,  
Timothy Josenhans,  
Seymour Tenney Morse,

Hiram Everett Terry,  
Evert Van Pelt,  
Andrew Wenzell,

MINING ENGINEER.

Walter Scott Abell,  
Henry Wick Judd,

Eugene George Mann,  
Sydney Buckminster Wiglett,

MASTER OF ARTS.

Arthur Gordon Owen, B. A. (1875 )

MASTER OF PHILOSOPHY.

Mary Emma Farrand, Ph. B., (1876); Ph. M. (1877.)

DOCTOR OF PHILOSOPHY.

Abram Sager Hall, Ph. B. (1876); Ph. M. (1877.)

P. R. B. DE PONT, Secretary of the Faculty.

The following resolution, submitted by Regent Duffield of the Committee on the Literary Department was adopted unanimously :

*Resolved*, That the degree to which each candidate named in the foregoing communication is entitled and for which such candidate has been recommended by the Faculty of the Department of Literature, Science and the Arts be awarded; and that the degrees be conferred at the Commencement exercises to occur to-morrow.

On motion the Board adjourned to 4½ o'clock P. M.

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UNIVERSITY OF MICHIGAN, )  
Wednesday, June 26, 1878. )

The Board of Regents reassembled in the room of the President at 4½ o'clock P. M.

On being called to order a full Board was present except Regent Grant.

Regent E. C. Walker read and then submitted to the Board the following report :

The special committee to whom were referred the charges brought by Prof. Donald Maclean of the Department of Medicine and Surgery against Prof. J. G. Gilchrist, of the Homœopathic Medical College, respectfully report :

That the substance of the charges was that Dr. Gilchrist had falsely and maliciously in the public prints accused Dr. Maclean of gross unprofessional conduct in enticing away from the Homœopathic clinic patients who were under treatment by Dr. Gilchrist, that he (Dr. Maclean) might operate upon them as a surgeon, especially in the case of one Sheriff who had been under the care of both for "perineal fistula."

Your committee being of the opinion that the disagreement between the parties was the result of a misunderstanding of the facts, called before them both parties to the controversy, and Mr. Sheriff himself, whose case had caused the difficulty.

Mr. Sheriff stated that he never saw Dr. Maclean till after he had ceased to be under the care of Dr. Gilchrist, and had been considered by him incurable. That he then approached Dr. Maclean and stated his case; that Dr. Maclean made no advances to him; that he afterwards returned to Ann Arbor, was operated upon by Dr. Maclean to his almost perfect cure.

Upon hearing these facts, Dr. Gilchrist at once withdrew all charges of unprofessional conduct against Dr. Maclean, and admitted that he was entirely mistaken in the facts on which he had made his charges.

Dr. Gilchrist then detailed the evidence given to him by different parties on which he had founded his opinion of Dr. Maclean's conduct, and Dr. Maclean admitted that if the statements so made to him had been true, that he (Dr. Gilchrist) would have had reason to think that his charges of unprofessional conduct were correct.

These admissions being made on both sides Dr. Maclean thereupon withdrew his charges and requested us to make this report.

Your committee wish it to be distinctly understood that their action and the action of the Board in this case shall not be considered a precedent for the future.

That this Board is not a tribunal for the settlement of disputes and difficulties between professors, and had not this harmonious result been arrived at in this case it is very likely that we should have reported that it was a matter outside of our jurisdiction.

E. C. WALKER.

S. S. WALKER.

At the conclusion of the reading of the report by Regent E. C. Walker, Regent Rynd moved that the report be accepted and printed in the minutes.

The motion prevailed.

Regent Rynd stated that he had received several papers and petitions relative to the appointment of a professor of surgery in the Homœopathic Medical College.

On his motion the papers were received and placed on file.

Regent Climie, chairman of the Finance Committee, submitted a report in accordance with the following resolution adopted at the last meeting of the Board:

*Resolved*, That the Finance Committee be and is hereby instructed

to prepare and present to the Board at the June meeting such system of keeping accounts, and such method of financial management as in their judgment our present interests demand.

The report was accepted and temporarily laid on the table.

On motion of Regent Rynd the Board went into executive session, at the close of which the business of an open session was resumed.

Regent Maltz presented the following resolution :

*Resolved*, That the Steward purchase for the Hospital one pump and repair the well.

Adopted by the following vote :

Ayes—Regents Rynd, E. C. Walker, Climie, S. S. Walker, Duffield, and Maltz.

Nays—None.

The following resolution submitted by Regent Cutcheon was unanimously adopted ;

*Resolved*, That the degree of Doctor of Laws be and is hereby conferred on Adonijah Strong Welch, M. A., an alumnus of the University of the class of 1846.

On motion of Regent Rynd the Board adjourned to 8 o'clock to-morrow morning.

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UNIVERSITY OF MICHIGAN. )  
Thursday, June 27, 1878. )

The Board of Regents reconvened in the room of the President at 8 o'clock A. M.

Present : Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Regent Rynd presented the following communication from Professors Jones and Gatchell :

*To the Honorable the Board of Regents of the University of Michigan.*

GENTLEMEN : We, the undersigned, beg to state to your honorable body that while we would not presume to dictate in affairs which we recognize as your peculiar right and province, yet we would respectfully submit for your consideration the name of E. C. Franklin, M. D., of St. Louis, Mo., for appointment to the chair of surgery in the Homœopathic College of the University.

We are unanimous in the recommendation of this name after serious consideration of the need of our College and the honor of our cause.

Respectfully,

SAMUEL A. JONES, M. D.  
CHAS. GATCHELL, M. D.

Regent Dufield, from the special committee on the investigation of the charges against Professor Samuel A. Jones, made the following report, which on motion was ordered to be spread at length in the minutes :

The committee to whom was entrusted the charges and specifications against Professor Jones of the Homœopathic College, and Dean of the Faculty of the same, would respectfully report :

1. That after carefully reading the various charges, and eliminating from them all such specifications as they deemed irrelevant, they gave a long and patient hearing to Dr. Jones, and his prosecutor, through their respective counsel, Messrs. Miller and Babcock, hearing all the witnesses and letters they had to present: the closing argument of counsel being submitted in writing.

2. That after the argument had been submitted, and the heavy mass of oral and documentary testimony had been carefully reviewed and canvassed, your committee came, with great unanimity, to the following conclusions :

1. That in reference to what was known as the "Helmuth matter," the charge of deliberate falsehood against Dr. Jones is not confirmed either by the testimony of Dr. Gilchrist, or by the letters. As a matter of fact there is reason to suppose that Dr. Jones was in error in the reasons assigned for the failure of Dr. Helmuth to lecture according to invitation, but the error is not to be ascribed to willful falsehood, when it can be more charitably accounted for by erroneous information.

2. That the charge of "unseemly behavior in the lecture room," is not substantiated by good and sufficient evidence, and that owing to a chronic excitement and prejudice on the part of the witnesses, certain circumstances were exaggerated beyond their real significance.

3. That the charge of improper language and conduct towards his colleague, especially in what occurred in the office of Dr. Backus, is not of such a character as to demand any very special argument or attention. Words spoken in private are not to be put in the same category with those spoken in public.

4. The charge that at a certain lecture he used a very opprobrious epithet in reference to the President of the University, we did not find well sustained as to time and place, though we had little doubt that his

custom of speaking evil of dignitaries at other times and places is one more to be honored in the breach than the observance.

5. There was one charge, however, which we name with profound regret—the more so because Dr. Jones was frank enough to admit there was too much occasion for the charge, viz: the use of profane and obscene expressions in the lecture room. Profanity in such a presence is bad enough; obscenity that would offend and pollute the mind and heart of ingenuous youth is still worse, but to mingle obscenity in the same breath and sentence with the holy name and reverend attributes of the Almighty, is, to accommodate to a simile of grand old Milton, “enough to give Satan himself a vomit.” Dr. Jones is too good a scholar not to know those golden lines of the satirist:

“ Nil dictu fædum visuque hæc limina tangit,  
INTRA QUÆ PUER EST.”

Hereafter every time he enters his lecture room, we hope he will remember it. Even the ingenuity of his able counsel, that “there was sometimes a wrong way of saying a right thing,” did not deceive himself or any one else. The sole redeeming feature in this offense and of which we gladly and gratefully make the record, is the earnest and instantaneous reprobation of such language by the young gentlemen of the class room. Sorry indeed are we to say it, but it is only simple justice and truth. In a proper sense of courtesy and decorum the large majority of the students of the Homœopathic College have achieved the rare and enviable distinction of being wiser and better than some of their teachers.

The history of this trial, humiliating as it is, we have reason to believe, will not be without its permanent value to all concerned. It has revealed to us a state of things in the Homœopathic College which exists in no other department, and of which one and all we think, are most heartily ashamed. The manly confession of one of the lecturers when on the stand as to disorderly words, and for which confession we do him all honor, is a sure pledge that we shall have no similar occasion to censure hereafter. Our professors will know better how to settle their personal matters with each other, than by encroaching on the precious time of their pupils in the class room, by rushing into the newspapers, or by bringing their infinitesimal troubles to the Regents. As the offense of Dr. Jones is probably the first and last of the kind that will come before the Board your committee recommend that if any further action be taken in the premises, justice shall be so tempered with mercy that no one will have occasion to complain, either of lax supervision or of undue severity.

All of which is respectfully submitted.

GEORGE DUFFIELD.

On motion of Regent Rynd, the committee were instructed to transmit to Prof. S. A. Jones, a copy of the report, together

with a letter expressing the sense of the Board on the questions considered in the report.

The President being required to attend the Commencement exercises, Regent Climie was called to the chair.

Regent Duffield submitted a report embodying the views of the majority of the Committee on the Literary Department relative to the changes of courses recently announced by the faculty of that department. A minority report was also submitted by Regent E. C. Walker of the same committee, setting forth his views upon the same subject matter under consideration.

On motion of Regent Rynd both reports were received and ordered to be placed on file.

Regent Cutcheon moved the adoption of the resolution appended to the minority report of the Committee on the Department of Literature, Science and the Arts. The resolutions referred to were as follows :

*Resolved*, That the degree of Bachelor of Letters (B. L.) be and the same is hereby established in the Department of Literature, Science and Arts, to be conferred upon such persons as shall complete the Course in Letters as prescribed by the Faculty of said Department.

*Resolved*, That such modifications be made in requirements for existing degrees as the Faculty of the Department of Literature, Science and the Arts deem wise and expedient, to adapt the several degrees to the new scheme of courses in that Department, as provided for in the recent Announcement of that Faculty subject to the approval of this Board.

Pending a vote on the above resolutions Regent Rynd moved that the following resolution be added, to stand as No. 3 :

*Resolved*, That while we thus ratify the new scheme of the Faculty of Literature, Science and the Arts we consider its action in announcing and publishing so vital a change in the course of study without first obtaining the approval of this Board to be improper and inexcusable.

The motion of Regent Rynd to accept the above resolution prevailed, whereupon a motion to adopt the three resolutions was unanimously adopted.

The following communication from the Faculty of the Department of Literature, Science and the Arts contains their requests referred to in the above resolutions.

*To the Honorable the Board of Regents of the University of Michigan :*

GENTLEMEN—By direction of the Faculty of the Department of Liter-

ature, Science and the Arts, I beg leave to present to you the following resolutions adopted by said Faculty at their meeting June 17, 1878:

*Resolved*, That the Board of Regents be respectfully requested to establish two new degrees in the Department of Literature, Science and the Arts, to be known as Bachelor of Letters and Master of Letters.

*Resolved*, That the Board of Regents be respectfully requested to provide for certain changes in the degrees now conferred in the Department of Literature, Science and the Arts, to take effect after Commencement, 1881, as follows:

1. The substitution of the degrees of Bachelor of Letters and Master of Letters for those of Bachelor of Philosophy and Master of Philosophy.
2. The abolition of the degrees of Civil Engineer and Mining Engineer as *first degrees*, and the substitution of the degree of Bachelor of Science in their place;
3. The establishment of the degree of Civil Engineer and Mining Engineer as second degrees;
4. Indicating in the diploma, when the same degree is conferred for lines of study essentially different, the general course of study completed by the candidate for the degree.

Respectfully,

P. R. B. DE PONT.

Secretary of the Faculty.

On motion of Regent S. S. Walker, the resolution to pay Henry D. Bennett \$739.29, being the sum advanced by him previous to April 30, 1878, to Andrew Climie for services as accountant, and his expenses, was taken from the table and adopted by the following vote:

Ayes—Regent Rynd, E. C. Walker, Cutcheon, S. S. Walker, Duffield and Maltz.

Not voting—Regent Climie.

On motion, the Board adjourned to 1 o'clock P. M.

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UNIVERSITY OF MICHIGAN. )  
Thursday, June 27, 1878. )

The Board reassembled in the room of the President at 1 o'clock P. M., Regent Climie in the Chair.

Present, a full Board except Regent Grant.

Regent Cutcheon presented the following communication which was read and ordered to be printed in the minutes:

UNIVERSITY OF MICHIGAN, )  
June 27th, 1878. )

*To the Honorable the Board of Regents:*

GENTLEMEN—It having been represented to me that my continuance in the Faculty of the Homœopathic Medical College might lead to fresh complications, I beg leave to resign any claims to a full professorship, and ask you to withdraw my name as a candidate for the chair of Surgery.

Respectfully,

J. G. GILCHRIST.

Regent Cutcheon submitted the following resolution which, on motion, was adopted unanimously :

*Resolved*, That in accepting the withdrawal of Dr. J. G. Gilchrist from the Lectureship of Homœopathic Surgery, we desire to express our appreciation of the faithful services and gentlemanly conduct of Dr. Gilchrist, and that we part with him with sincere wishes for his future success.

Regent Duffield of the Executive Committee submitted the following report :

The Executive Committee to whom the revision of the By-laws was entrusted would report progress as follows :

That the subject has been carefully considered, first by a sub-committee and afterward at a regular meeting of the Executive Committee; that the various by-laws were submitted to the several Departments, to be considered and returned with their suggestions to your committee at the present meeting of the Board.

When these suggestions are all returned, your committee expect to resume and complete their work, leaving the final form of arrangement and publication to be determined at the next meeting of the Board.

B. M. CUTCHEON,  
GEORGE DUFFIELD.

On motion the report was accepted and further time granted the committee in which to report.

On motion the Board adjourned to 3 o'clock P. M.

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UNIVERSITY OF MICHIGAN, )  
Thursday, June 27th, 1878. )

The Board reassembled in the room of the President at 3 o'clock P. M. In the absence of the President, Regent Climie occupied the chair.

Present, a full Board except Regent Grant.



Regent Duffield presented a communication from Prof. J. W. Langley, which was received and, on motion, laid on the table.

Regent Cutcheon submitted a report on the question of salaries, which was accepted and ordered printed in the minutes.

The following is the report referred to :

The Executive Committee, to which was referred the resolution of Regent Rynd, offered at the January meeting of the Board, as follows :

*“ Resolved, That from and after the present college year the salaries of all employees in every department of the University receiving more than \$1,700 per annum be reduced ten per cent., with the exception of those of Professors Frieze and Pettee, whose salaries have been already arranged, and the further exception of the Professors of the Law Department—”*

Would report that they have given the same the careful examination and consideration which its great importance demands.

While we have a strong desire to do that which the financial interests of the University imperatively require, we are equally desirous to do nothing that is unjust to the faithful and learned gentlemen most immediately concerned.

The facts which surround the case seem to be these :

1. The present rates of salaries were fixed in 1871, when the purchasing power of our currency was much less than now, and the cost of living correspondingly greater.

There can be no doubt, we think, that the reduction in the necessary cost of living since that time has been fully equal to an increase of 15 per cent upon net incomes.

2. Meanwhile the stringency of the times has operated to reduce the number that would otherwise have attended upon the University, and thereby largely diminished the available means of the Board. Thus, while we were required to pay more, we have had less with which to pay, and a deficit, large and constantly increasing, was the natural consequence.

This deficit, at the end of the last fiscal year, had reached the amount of nearly twenty thousand dollars, while we had been compelled to apply to the Legislature for special appropriations to meet expenses which naturally ought to have been met out of the general fund. This evil became so manifest that one year ago the Committee on Finance and the Executive Committee took it in hand to devise ways and means to overcome it. After considerable study of the problem, at a special meeting held July 12th, 1877, they came to the conclusion that a better way to meet the difficulty would be to secure an increase of income from students, fees, than to reduce salaries. Accordingly, five dollars was added to yearly dues and diploma fees in all the Departments, and at the same time

some reduction was made in the working force in the Department of Literature, Science and the Arts.

The effect has been very noticeable. Not only has the growing debt been checked, but, owing to the very large attendance in the various schools and Departments, our income has been so increased that our deficit almost wholly disappeared, and we see in the near future the prospect of wiping it out entirely. But still we are confronted with the fact that we are constantly compelled to go to the Legislature for special appropriations, where we ought to be able to meet the expense out of the general fund.

During this same period from 1871 to the present, there can be no doubt whatever that there has been an almost, if not quite, universal shrinkage in incomes, over and beyond the corresponding shrinkage in the cost of living. Among the laboring and mechanical class universal stringency, and in multitudes of instances distress have prevailed, and the thousands and thousands of cases in our bankrupt courts attest that a terrible strain has been upon the mercantile class.

Among professional men there have been but few indeed who have not found their incomes falling off in the last five years to a degree which has compelled the practice of unwonted economies, even among the fortunate, while the great body of professional men have, by hard work, been scarcely more than able to live. And to add to the difficulties of these classes was the difficulty of *collecting* what had been honestly earned and was honestly due. Most fortunate of all during this period of financial distress have been salaried men working for some thoroughly competent employer like the State or the University. While their salaries remained fixed, the purchasing power of every dollar has been enhanced from ten to twenty per cent. While their pay has been constantly increasing it has been regular and constant and reliable. This last is a small consideration. There has been no weariness of the flesh or vain hopes long deferred in pursuit of dishonest or embarrassed or bankrupt paymasters. Gentlemen engaged in the quiet and scholastic pursuit in the class room or the study, with their salaries awaiting them promptly at the end of the quarter, have little conception of the trials of the professional man who earns his fee once in the service rendered and then must wait a second time in collecting it, and perhaps fails to get it after all. These things must be taken into consideration in determining what is just and fair in the premises. During the last five years there has been an almost universal reduction in the wages of teachers of from ten to twenty-five per cent. throughout the State and country.

Our Legislature at its last session took notice of these facts, and with very great unanimity adopted the following resolution, to wit:

*Resolved*, That the Board of Regents and the State Board of Education

tion be and are hereby requested to reduce all salaries of professors, teachers and employees in the several institutions under their control, as follows: on all salaries over \$1,500 to \$2,000 inclusive, 10 per cent, and on all salaries over \$2,000, 20 per cent.

This resolution, we believe, has never been communicated to us in any official form, and through an accident never received the official sanction of the Governor. But we believe this resolution exhibits the tendency of the general public opinion of the State. While we cannot think it wise to reduce to the full extent indicated, we do think it advisable to report back the resolution referred to us and recommend that it be adopted.

Respectfully submitted,

B. M. CUTCHEON.

Regents Rynd and Duffield submitted a report on the question of salaries, which was accepted and ordered printed in the minutes.

Regent Cutcheon moved to insert the sum of \$4,000 and house rent as the salary of the President, which motion was lost by the following vote:

Ayes—Regents E. C. Walker, Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

Regent Cutcheon then moved to insert the sum of \$3,900, house rent and gas as the salary of the President, which motion was lost by the following vote:

Ayes—Regents E. C. Walker, Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

At the close of the discussion upon the report the Board adjourned to 7 o'clock P. M., by the following vote:

Ayes—Regents E. C. Walker, Climie, Cutcheon and S. S. Walker.

Nays—Regents Rynd, Duffield and Maltz.

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UNIVERSITY OF MICHIGAN, )  
June 27th, 1878. )

The Board of Regents reconvened in the room of the President at 7 o'clock, P. M.

Present—A full Board, except Regent Grant.

In the absence of the President, Regent Climie occupied the chair.

Regent Rynd presented the following resolution, which was adopted :

*Resolved*, That the chair now occupied by Prof. S. A. Jones be entitled the chair of Materia Medica, Therapeutics and Experimental Pathogenesis, and that, at his own request, and because of the extra work entailed by the above, he be retired from the duties of Dean.

The following resolution was presented by Regent Rynd:

*Resolved*, That F. C. Franklin, M. D., of St. Louis, Mo., be and is hereby appointed Professor of Surgery in the Homœopathic College of this University, and that, on his acceptance of the position, he be recognized by the Homœopathic Faculty as Dean of the College, and that his salary shall be as hereafter fixed by this Board.

*Resolved further*, That the Secretary be requested to inform the Executive Committee, at the earliest practicable moment, whether Dr. Franklin accepts the above appointment, and if so, to notify him that his duties will begin on the 1st day of October next.

The vote on the adoption of the above resolutions was as follows :

Ayes—Regents Rynd, E. C. Walker, Clinie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nay—None.

On recommendation of the Chairman of the Committee on the Medical Department, the following assistants were appointed in the Homœopathic Medical College :

George A. Taber, M. D., Materia Medica, etc ; Samuel S. Moffatt, M. D., Theory and Practice ; William Watts, M. D., Surgery.

The following resolution was submitted by Regent Cutcheon :

*Resolved*, That the sum of one hundred dollars be, and the same is hereby, appropriated to procure the publication, in pamphlet form, of the University Address this day delivered by Hon. Geo. V. N. Lothrop, and also that it be stitched with the official minutes of the present meeting of the Board.

Adopted by the following vote :

Ayes—Regents Rynd, E. C. Walker, Clinie, Cutcheon, S. S. Walker, Duffield and Maltz.

The report of the Finance Committee, made in accordance with a resolution adopted at the last meeting of the Board, was taken from the table.

The following is the report referred to :

REPORT OF THE FINANCE COMMITTEE, PROPOSING  
CHANGES IN THE BY-LAWS.

The Finance Committee hereby recommend the following changes in the By-Laws :

CHAPTER IV: *By-Laws relating to the Property and Finances of the University*, shall read as follows :

*Salaries.*

SECTION 1. The salary of each officer, professor, instructor, and other person employed by the University, shall be fixed by resolution, subject to alteration, in the discretion of the Board, at the time the appointment shall be made, and the Secretary is authorized to draw his warrant therefor on the Treasurer, to be countersigned by the President, as the same shall fall due. The fiscal year for the payment of salaries shall commence on the first day of October, and salaries shall be payable quarterly, on the first day of January, April, July and October in each year. No quarter's salary shall be paid till a quarter's services have been rendered.

*Debts.*

SEC. 2. No debt or obligation whatever, shall be incurred by or in behalf of this Board, except by resolution, entered at length on the minutes, or by a Committee of the Board, acting pursuant to authority expressly delegated by the Board, and entered at length on the minutes, except for incidental expenses, which as incurred may be liquidated by an order drawn on the Treasurer by the Secretary, countersigned by the President, of which an account, with items, shall be submitted at the next meeting of the Board. The total sum so drawn shall at no time exceed the amount in the hands of the Treasurer for contingent expenses.

*Claims.*

SEC. 3. No account or claim against the University shall be audited or allowed, except in writing by the Board itself, or by a Committee of the Board acting pursuant to authority expressly granted by the Board, and all grants of such authority shall be by aye and nay vote.

*Drawing of Warrants.*

SEC. 4. No warrant shall be drawn on the Treasurer, except by express direction of the Board, or except upon direction in writing of a Committee of the Board acting pursuant to authority expressly given and entered on the journal, or except in pursuance of the general rules and regulations; and no warrant shall issue to any member of the Faculties, or other officer of the University, for any purpose whatever, except for services or accounts allowed. unless upon the condition expressed in the warrant that shall be expended, and accounted for to the Finance Committee, without unnecessary delay; and it shall be the duty of the person receiving the same to account accordingly.

*Loaning of Property.*

SEC. 5. Articles of apparatus belonging to the University shall not be

loaned to individuals to be taken out of the institution. Officers of the University shall be held accountable for all property in their charge belonging to the University.

CHAPTER III is amended as follows :

Section 12 shall read thus :

*Bond of the Treasurer.*

SEC. 12. The Treasurer, before entering upon the duties of his office, shall execute a bond to the Board, in such penal sum as the Board shall direct, not less, in any case, than fifty thousand dollars, with four or more sureties, to be approved by the Finance Committee; conditioned that he shall faithfully discharge the duties of his said office, so long as he shall hold the same, and shall, during such time, safely keep and pay over, as said Board shall direct, all moneys that shall come to his hands, as such Treasurer; and that he shall well and truly account, at any and all times when required, to the Board of Regents, and to any Committee thereof, and shall report to them at any and all times, and from time to time, when required or requested so to do; which said bond, when approved as before directed, shall be recorded at length in the minutes, and shall then be deposited with the Chairman of the Finance Committee for safe keeping.

Section 13 shall read thus :

*Duties of the Treasurer.*

SEC. 13. The Treasurer shall have the custody of all moneys belonging to the University, and it shall be his duty to demand and receive all such moneys when due from the State Treasurer, or any other person or persons. He shall pay all warrants on the Treasurer when properly drawn by the Secretary, and countersigned by the President. He shall present at each meeting of the Board a brief statement, under general heads, showing the receipts and disbursements during the preceding quarter, and since his last statement, and the amount of money in the treasury, or the amount it may be overdrawn, as the case may be. He shall also, at the October meeting, make to the Board an annual report, accompanied with his vouchers for the preceding year, showing in detail the receipts and disbursements of the preceding college year. He shall also perform such other duties as the Board may require. It shall also be the duty of the Treasurer to make all orders of materials, books, chemicals, etc., for the University, on request, in writing, of the proper Committees, a full account of which, with all memoranda connected with the same, shall be carefully kept, and be the property of the University.

Section 20 shall read thus :

*The Steward and his Duties.*

SEC. 20. The Board of Regents shall appoint a Secretary and Steward, who shall, before entering upon the duties of his office, execute a bond to the

Board in the penal sum of five thousand dollars, with two or more sureties, to be approved by the Finance Committee, conditioned for the faithful performance of his duties, which bond shall be deposited with the Finance Committee for safe keeping. He shall be ministerial officer and agent of the Executive Committee, and of the other standing committees, and of each faculty, subject always to the direction and control of the Board, and to the general rules and regulations. He shall keep a register of all students entering the University, and of all students who graduate and their degrees. He shall have an office in one of the University buildings, and shall devote his time faithfully to the performance of his duties. He shall have general supervision of the buildings and grounds, and be held responsible for their good condition, both as to cleanliness, safety from fires, and proper repairs, and shall make an annual report of his doings to the Board.

Section 21 shall read thus :

*The Steward shall assess Damages.*

SEC. 21. All damages done to the buildings, or any University property, by any of the students, shall be immediately repaired under the direction of the Steward, at the expense of those by whom it was done, when they are known, but if not known, it shall be assessed upon the class or classes occupying the room in which the damage occurs.

Section 26 shall read thus :

*The Finance Committee.*

SEC. This Committee shall have the general supervision of the financial affairs of the University, subject always to the general rules and regulations, and to the control of the Board. They shall make to the Board, at the October meeting, a report, showing the financial operations of the University for the preceding year, the condition of its treasury, its revenues and its funds, with an estimate of the probable receipts and expenditures for the next year, accompanied with such recommendations as said Committee shall deem proper to make, and such report shall be published in pamphlet form, together with the President's report.

Section 19 shall read thus :

*Duties of other Standing Committees.*

SEC. 19. The other Standing Committees shall consider matters pertaining to the several departments of the University, indicated by their several titles, and shall report to the Finance Committee. Each Committee shall keep itself informed of the condition of that department so placed under its care, and shall give to the Finance Committee a memorandum of their expenditures and engagements at each meeting of the Board.

ANDREW CLIMIE,  
S. S. WALKER,  
GEO. L. MALTZ.

The report of the Finance Committee was adopted by the following aye and nay vote :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nay—None.

The following resolution was presented by Regent S. S. Walker :

*Resolved*, That the Faculty of the Department of Literature, Science and Arts be requested to prepare a General Catalogue of the Alumni of the University to be published by the University at as early a day as practicable, and that there be and is hereby appropriated the sum of \$100, or so much thereof as may be necessary for the payment of the expense of preparing the same.

The resolution was adopted by the following vote :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following report, presented by Regents Rynd and Duffield, relative to the question of salaries, came up for further consideration :

*To the Board of Regents :*

The Executive Committee, to whom was referred the consideration of the question of salaries, have given the subject, together with the expenditures in this direction for a number of years past, careful consideration.

At the January meeting Regent Rynd submitted the following :

*Resolved*, That from and after the present college year the salaries of all employees in every department of the University receiving more than \$1,700 per annum be reduced 10 per cent, with the exception of Professors Frieze and Pettee, whose salaries have been already arranged, and with the further exception of Professors in the Law Department.

The matter was duly referred to the Executive Committee, and on motion of Regent Duffield, at the last meeting, was further referred to said Committee, to report at the June meeting.

Your Committee have endeavored to carefully and faithfully consider the whole question of University expenditures, of which the salaries of our employees constitute the largest share. An earnest effort has been made to so regulate this matter, in our report to your honorable body, as to satisfy the people, who have expressed their wishes through the Legislature, while at the same time, the services of capable professors and instructors have been duly appreciated.

It were useless to ignore our dependence on the Legislature for sup-



port. Nor do we underrate the importance of acting in harmony with that body in the interests of economical management. This we do without yielding the constitutional right of the Regents to manage the internal affairs of the University.

Our resources for the year now ending have been :

Legislative aid—	
To pay salary of Professor in Geology.....	\$ 2,000
To pay salary of Professor in Physics.....	2,000
For equipment of Physical Laboratory.....	1,000
For Physiological Laboratory, equipment and salary.....	2,500
Hospital—current expenses of.....	2,000
For General Library.....	2,500
For Astronomical Observatory.....	1,500
For salaries of Professors in Dental College.....	4,500
For apparatus in Dental College.....	1,000
Repairs on Building for Dental College.....	1,000
For extra term of instruction in Medical Department.....	4,500
For extra term of instruction in Homœopathic College.....	2,500
Aid from Mill tax.....	31,500
Interest from University Fund—about.....	38,400
Students' fees and Deposits—about.....	46,000
	<u>84,400</u>
Total.....	\$143,900

It will thus be seen that of the total amount available for University expenditures for the year now ending, \$58,500, or about forty per cent., of the whole, is the result of the intelligent liberality of the Legislature. This exhibit clearly demonstrates the necessity of our co-operating with the people in the economical management of the University.

The following exhibit may be of interest as showing the increase in expenditures for the last eleven years. We also append the attendance of students :

Salaries paid in year ending June.		Total Attendance in all Departments.	Attendance in Literary and Scientific Department.	Homœopathic and Dental Colleges, and also attendance of females in every Department.
	'68	\$37,472.50	1,223	418
	'69	43,658.56	1,114	422
	'70	52,922.50	1,126	477
	'71	60,776.67	1,110	488
	'72	65,689.16	1,224	509
	'73	73,392.16	1,176	484
For 14 yrs	'74	92,719.37	1,112	439
	'75	78,117.00	1,193	478
	'76	87,837.05	1,127	457
	'77	92,105.82	1,110	433
	'78 Est	93,835.00	1,230	434

It will thus be seen that the great increase in expenses has not grown out of an increased attendance. Deducting the number of Homœopathic and Dental students, and women, now in attendance, the number of students in the University is less than it was ten years ago. Indeed, including the new departments lately established, the classes this year are only seven in excess of 1868, while those of last year fell 113 below the number in actual attendance eleven years ago. It is not now our province to discuss the causes which have operated in diminishing the total attendance in the departments, as compared with 1868.

It is but just, however, that we call the attention of your honorable Board to the fact that the founding of the Dental and Homœopathic Departments, and the extending of medical teachings to a full College year has largely increased our pay-roll. Apart from these expenditures a careful analysis of the salary question shows that the amount paid for instruction has been increased by

1. Increase of salaries;
2. Increase of teachers.

The teaching force was somewhat reduced last year, but the salaries were permitted to remain as fixed several years ago. Your Committee are not prepared to advise any material reduction in the teaching force, but we feel that the time has come for a review of the whole question, particularly the reduction of salaries.

The last Legislature passed the following:

*Resolved*, That the Board of Regents and the State Board of Education be and are hereby requested to reduce all salaries of professors, teachers and employees in the several institutions under their control as follows: All salaries over \$1,500 to \$2,000 inclusive, 10 per cent, and all salaries over \$2,000, 20 per cent.

This resolution is an indication of the purpose and ultimate intention of the Legislature which we cannot wisely overlook. In view of this expressed desire; recognizing the indisputable fact that \$2,500 has a much greater purchasing power at this time than six or seven years ago; feeling the necessity of reducing very considerably the sum total of our expense account, and with an honest desire to accommodate our business affairs to the general stringency which exists in monetary affairs, and which is seriously felt by the great body of the tax-payers of the State, your Committee submit the following schedule. It will thus be seen that we are not governed altogether by the resolution of the Legislature, notwithstanding our profound respect for that body. While we believe a reduction proper and recognize the desire of the Legislature to aid this Board in maintaining the great educational work of this University, yet we cannot think that as large a reduction would have been advised, as affecting a large number of the professors, had that body been as conversant with the wants and works of the institution as is this Board.

We wish to accommodate our action, as far as we deem it wise and prudent, to the expressed desire of the Legislature on the one hand; we are anxious to secure the hearty support of our professors and instructors on the other. While we would act in harmony with the Legislature, we cannot think that either the Legislature or the people would consider it wise to pay salaries so scanty as to involve faithful and hard-working men in financial embarrassment.

The following we present as a revised scale of salaries:—

James B. Angell, President—house, light and fuel and.....	\$ 3,750
Henry S. Frieze.....	2,400
James C. Watson.....	2,200
Edward Olney.....	2,200
C. K. Adams.....	2,200
Benjamin F. Cocker.....	2,200
M. L. D'Ooge.....	2,200
George S. Morris.....	2,200
Charles E. Greene.....	2,200
A. B. Prescott.....	2,200
A. B. Palmer.....	2,200
C. L. Ford.....	2,200
G. E. Frothingham.....	2,200
Donald Maclean.....	2,200
E. S. Dunster.....	2,200
John W. Langley.....	2,200
A Professor of Geology.....	2,000
M. C. Tyler.....	2,200
Samuel A. Jones.....	2,200
Chas. Gatchell.....	2,200
Professor in Homœopathic Surgery.....	2,200
Jonathan Taft.....	1,600
John A. Watling.....	1,600
William H. Dorrance.....	500
George P. Williams, Emeritus.....	500
T. M. Cooley, Professor and Dean.....	1,800
James V. Campbell.....	1,500
Charles A. Kent.....	1,500
William P. Wells.....	1,500
H. D. Bennett, Secretary and Steward.....	1,400
Charles K. Wead.....	1,600
J. B. Davis.....	1,600
I. N. Demmon.....	1,600
W. W. Beman.....	1,600

E. L. Walter.....	
J. B. Steere.....	
R. C. Davis.....	
Otis C. Johnson.....	
W. J. Herdman.....	
Charles N. Jones.....	
An Instructor in Greek.....	
P. R. B. de Pont.....	
Charles S. Denison.....	
Victor C. Vaughan.....	
✓ Secretary of Literary Faculty.....	
Laboratory aid, to be expended under direction of Committee on Chemical Department.....	
Miss Kate Crane.....	
Volney M. Spaulding.....	
Miss L. M. Reed.....	
Charles H. Stowell.....	
A. C. Maclean.....	
Law Librarian.....	
Lizzie M. Farrand.....	
Carril Coe.....	
Assistant for Dr. Langley.....	
Assistant in Museum.....	
George Haylor.....	
John Carrington.....	
Robert Howard.....	
Gregory Nagley.....	
James Ottley.....	
Edward Fitzgerald.....	

—  
\$8

The above schedule gives an additional Assistant in mathematic salary of \$1,500 per annum, and yet effects a reduction of \$8,250 a

It is also recommended that a fair allowance be made for such cal or other work as may devolve upon any officer or employee of University, outside of the regular college work of such officer, except Dean of the Law Faculty, whose extra work is allowed for in the schedule.

We submit the above to your honorable body and ask the adoption of the following:

*Resolved,* That the salaries of the President, Professors, Assistant Instructors, and other persons employed by the University be fixed

accordance with the above schedule, and that in case of the resignation or removal of any employee of the University his or her successor shall not receive a larger salary than arranged in the above schedule, except by resolution of this Board.

Submitted,

GEORGE DUFFIELD.  
C. RYND.

At the close of the discussion on the report an aye and nay vote was taken on its adoption, with the following result :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nay—None.

The report was adopted.

Regent Cutcheon presented the following resolution :

*Resolved*, That the reduction of the salary of President Angell in an apparently larger relative proportion than that of the other Professors and officers in the institution, is founded upon the principle announced in the resolution of the Legislature of the State, that the larger salaries should be reduced more largely than the smaller ones, and we desire in this connection to express our high appreciation of the valuable services, efficient administration, and earnest devotion to the University of President Angell.

The vote on the adoption of Regent Cutcheon's resolution was as follows :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nay—None.

Regent E. C. Walker presented the following resolution which was adopted unanimously :

*Resolved*, That the Executive Committee be and are hereby authorized and empowered to enter into a contract with Joseph B. Steere and Rice A. Beal to purchase of them an undivided half of the "Beal-Steere collection," so called, and, in consideration of said purchase, to agree with them to release to Preston B. Rose, Rice A. Beal and Willard B. Smith, et al., executors of the estate of Ransom S. Smith, deceased, the full amount of that part of the decree and costs, lately rendered against them in the Circuit Court, for the county of Washtenaw, in chancery, in a cause in which the University is complainant, and those parties and Silas H. Douglas are defendants; said release and discharge not to be executed till, in the opinion of our counsel, the same can be discharged

without affecting the rights of the Board against said defendant, Douglas.

That this contract shall further contain an agreement that on the execution of the bill of sale of said collection, the same be at once equitably divided into two equal parts by two referees, one to be appointed by our Executive Committee, and the other by the other parties to the contract, they to select a third, if necessary. Upon this division being made, said Steere and Beal are to remove their half of the collection at once from the premises of the University, whenever requested by the Board.

The following report from the Finance Committee was presented by Regent Maltz :

The Finance Committee, to whom was referred the matter as to whether the Treasurer of this University, appointed in 1872, has furnished the necessary bond, made inquiry, and not finding such bond, required a new bond, which bond has been executed, and is now presented to the Board for their approval.

A. CLIMIE,  
S. S. WALKER,  
GEO. L. MALTZ.

The report was accepted and the bond was approved.

Regent E. C. Walker submitted the following resolution :

*Resolved*, That Charles N. Jones, B. A., be appointed Assistant Professor of Mathematics, at a salary of \$1,500 per annum, year to commence October first, 1878.

The aye and nay vote on the adoption of the above resolution was as follows :

Ayes—Regent Rynd. E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nay—None.

The following resolution was presented by Regent Maltz :

*Resolved*, That William A. Tolchard be and he is hereby appointed Treasurer of the University of Michigan, to enter upon his duties July 1st, 1878, at a salary of fourteen hundred dollars per annum.

Regent S. S. Walker moved to amend the resolution of Regent Maltz as follows :

Strike out the name of "William A. Tolchard," and insert the name of "Theodore R. Chase;" also, strike out the words "fourteen hundred

dollars per annum," and insert the words "one thousand dollars per annum."

At the conclusion of the discussion of the amendment and resolution, an aye and nay vote was called for on the amendment of Regent S. S. Walker with the following result :

Ayes—Regents E. C. Walker, Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The amendment was lost.

The vote recurring on the resolution of Regent Maltz, it was adopted by an aye and nay vote as follows :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, Duffield and Maltz.

Nay—None.

Not voting—Regent S. S. Walker.

Regent Maltz submitted the following resolution :

*Resolved*, That the incoming Treasurer, with the advice of the Finance Committee, have full power to purchase a ledger, journal, and all books necessary for his office.

The motion was adopted by the following vote :

Ayes—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Regent Maltz submitted the following resolution, which was adopted :

*Resolved*, That the thanks of the Board be and are hereby tendered to S. Day for donation of Automatic Self-cleansing Cistern Filter for use of the Hospital.

Regent Maltz submitted a claim of B. F. Granger, of this city, for payment for legal services, which, on motion, was referred to the Executive Committee.

Regent E. C. Walker presented the following resolution, which was adopted :

*Resolved*, That the Chairman of the Finance Committee be authorized to settle with the present Treasurer of the Board, and arrange for the transfer of the funds, books, papers, etc, to the new Treasurer; also, to arrange with the First National Bank, of Ann Arbor, in regard to the rate of interest to be paid on University funds.

Regent Maltz submitted the following resolution :

*Resolved*, That the sum of two hundred and seven dollars and fifty-five cents be and is hereby appropriated to pay Regents' expenses for the June meeting.

The resolution was adopted by a vote as follows :

Aye—Regents Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

On motion, the Board adjourned.

H. D. BENNETT, Secretary.

A PLEA  
FOR  
EDUCATION AS A PUBLIC DUTY.

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AN ADDRESS  
DELIVERED AT THE ANNUAL COMMENCEMENT

• OF  
THE UNIVERSITY OF MICHIGAN,  
JUNE 27, 1878.

---

BY  
GEORGE V. N. LOTHROP, LL. D.

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ANN ARBOR, MICH.:  
PUBLISHED BY THE BOARD OF REGENTS.  
1878.



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**ANN ARBOR PRINTING AND PUBLISHING COMPANY.**

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# A PLEA

FOR

## EDUCATION AS A PUBLIC DUTY.

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WITH sincere reluctance, with only the plea of the persuasion of friends, and my own sympathy with this occasion, do I attempt to fill this place to-day.

The occasion must suggest what I shall say to you. We now stand at a parting of the ways. The conditions have changed here and observances must change with them. This place of learning has become less the College and more truly the University. It now puts on, as it were, its robes of manhood. It recognizes that to-day it represents a stage of riper education and scholarship, which must be symbolized in its annual festival. Hence, while the college of the undergraduate is still here in larger scope and promise than ever before, yet this place of learning is no longer exclusively his, nor even principally his. It has passed to a larger and maturer constituency. It is a center to which converges the ripest and highest scholarship of a large, wealthy and cultivated community. And henceforth this day must be no local occasion, but the Olympic of one of the great seats of learning of the Republic. And on this day, with its annual return, shall its scholars, its scientists, its artists, and artisans, its professional men, and perchance its prophets and poets, gather here to take account of whatever new has been accomplished in science, in letters, in polity, in art, and in all that concerns the State, or the whole commonwealth of man.

Standing here to-day, with such realities and such auguries, we can perhaps best weigh their significance by a rapid glance at the past. We may, indeed, be sure that what we thus enjoy

is by no accident, or mere chance. All sound moral growths have an honest and instructive history.

Thirty-three years ago this month, the University of Michigan—a University only in name—asserted its entrance into a large sisterhood of colleges, by sending forth eleven young men bearing its diplomas. It bore the name of the State, but that name then gave no renown. The State was young and poor. It was raw from the wilderness. Save along the old French border, there was hardly a field in which the blackened stumps did not witness the new clearing. Its whole population was hardly 250,000. Its metropolis had only about 13,000. It had no accumulated wealth. It had few who claimed to be scholars, and very few who aimed at scholarship as a pursuit. No men ever saw more clearly that their work was to subdue the wilderness, and to found the homes which should lead in the future civilization.

Yet let no one think that these vigorous pioneers—founders of a new State—were strangers either to letters or to science. Their lineage was that of the best races of the globe. The greater part were children of the American free school; a system which somehow educates beyond its few books of instruction, and thus broadens its own pathway. Many were of that stock, which, with inspired hope and courage, had founded Harvard, and Yale, and Dartmouth. And, acting from a principle so native that it seemed almost like instinct, our farmer statesmen, when founding their State, founded also their seat of advanced learning, and wedded the two in indissoluble union.

We well know what some of the leading actors in this work hoped, and what some thought they foresaw. But it is not so easy to say what was the general hope and foresight. It is certain, however, that it was expected—and perhaps this was the common thought—that the College would furnish here at home an opportunity for a fair College education, and so become of great local usefulness. This was a reasonable hope. This was surely enough to justify what was done. More than this might well seem but the fire and ardor of the enthusiast.

As we look back on the history of any great enterprise is never easy to tell how much is due to the wisdom of plan, and how much to the spirit and genius of the act. The clear and concise Compact of the Mayflower seemed to wise and learned of that day much inferior to the elaborate Constitution of Locke. And the blood of the Cavalier held of more generous strain than that of the Pilgrim. how vast the difference in the outcome! There is probably always something in the surroundings which throws its decisive weight into the scale.

Our fathers had this advantage. The field was one which not only inspired hope, but almost predicted success.

I have said that many of our pioneers were of the heroic blood that founded Harvard, and Yale, and Dartmouth. Already the best genius of that blood had impressed itself upon the Northwest. In advance of the coming millions, it had it were, shaped the earth and the heavens of the sleeping empire.

It was a graduate of Harvard, who, in 1787, when from the Great Charter of the Northwest, had consecrated it irrevocably to Human Freedom, to Religion, Learning, and Liberty of Thought.

It was the proud boast of Themistocles that he knew how to make of a small city a great State. Greater than his was the wisdom and prescience of Nathan Dane, who knew how to take pledges of the future, and to snatch from the wilderness an inviolable Republic of Free Labor and Free Thought.

And here it seems not irrelevant to say that this one was the most dominant one in our whole history, since the land of the Pilgrims. It is the act that became decisive in the Great Rebellion. Without it, so far as human judgment discerns, the victory of Free Labor would have become impossible.

The influence of this act upon education in Michigan is what specially concerns us here to-day.

The care of education enjoined by the Ordinance of 1787 seems to have fallen like a ray of light on the soil of Michigan.

kindling a fire which has never gone out. It begot and guided a policy which has been respected from the earliest history of the territory. I cannot state this matter so well as by adopting the judicially accurate words of Judge Campbell: "This early recognition of the necessity of schools and colleges, enforced in the form of a perpetual compact between the Government and the people and States in the Territory, has been a source and stimulus of intelligence, the importance of which cannot be estimated. The duty of the State to educate her children generously and thoroughly can never be disregarded, without violating the pledges on which the rights of the State and Territory were created." Pol. Hist., 221.

These are weighty and true words.

In the act of 1805, organizing the Territory of Michigan, a grant was made by Congress of a section of land in aid of a University. The appropriation of the sixteenth section of every township in aid of common schools, was made earlier.

In 1817, the aim for higher education took form in the extravagant scheme of Judge Woodward. Yet this scheme was not fruitless. It served as the nurse of such schools as were then most needed, while it kept in view what was beyond. In fact it was the birth of that corporate life which survives here in the University of to-day.

In 1835, the Territory came to its manhood in the State. By the same step it rose to higher efforts in behalf of education.

In our first Constitution a special article was devoted to education. No article of that instrument was more carefully considered, more wisely framed, or more cordially assented to. It laid broad and deep foundations on which our whole system of education has been built, on which it stands in wholesome vigor to-day, and on which it may safely stand forever. The system did not outrun present wants, but was capable of any enlargement required by any wants of the future. It cared equally for the education of the common school and the University. It wisely adjusted them as parts of a great whole, and as equally necessary to the best well-being of the State. It

was made the duty of the legislature to establish township libraries; to maintain common schools; to promote by all suitable means, intellectual, scientific, and agricultural improvement; to promote literature, arts, and sciences through a University; and to keep forever inviolable the common school and University funds.

I say again, no men ever built more wisely for the future State. They deserve perpetual remembrance and honor. Nor are their monuments wanting. The district school houses which stud the State like stars, our noble graded schools, and this University, the jewelled crown of our civilization, shall bear imperishable testimony in their honor.

It was under such influences, on a soil thus fertilized and quickened, that the University began its work. In 1845, as we have seen, it began to yield its fruit. I have said that it is not easy to say what was the general expectation. But the actual result within a few years, was a surprise and a joy. So rapid was the increase in the collegiate department that the next steps were easy. In 1850, the Medical College began its work, and, nine years later, the institution of the Law School put into activity the three general departments of the University.

The thought that I have aimed to bring out is, that the University is the result of no accident, but the offspring of a wise and thoughtful policy. In attainment and result it may exceed all that sober reason could have foreseen; but its growth and greatness are certainly in the exact line of its founders. And here, in thankfulness and congratulation for what has already come; for the pure spring of learning set flowing here for all; for the swelling stream of instructed young men and women yearly sent forth with influence and power; for the accomplished instructors whose teachings are gladly sought and heard in other colleges; for the words written and spoken here, which are cited in courts and senates with as much respect as those of Grotius and Blackstone, and for the scientific scholarship which has inscribed the name of the Univer-

sity imperishably among the Asteroids;\* in pride and congratulation for this already done, but with renewed hope and enthusiasm for the future, it were perhaps well to leave it. We might say that never was wisdom better justified of her children; and that, in the splendid exemplification of to-day, all argument ends.

But still we cannot close our ears to objections sometimes heard, and it may be best briefly to consider them.

It is said the result is all well, but it were better attained by other agencies and other methods. It is sometimes said it is a business that should be remitted to private hands, or perhaps to religious bodies; that it is not the office of the civil power to provide for higher education, but only for common schools; and that it is only for the latter that taxation can justly be imposed.

In reply, first, it is clear these objections run counter to our historical policy; but still, if they are sound they ought to prevail. Are they sound?

In this discussion let us exclude everything not really in dispute.

We do not oppose any education whatever, whether at private hands or by religious bodies. They sail with us the same seas, by the same courses, and with the same lading, only in different measure. The more of private education the better. But we all too well know, that such agencies lack means, certainty and universality. All private enterprise is limited by its private and special end. It has no spur and no obligation beyond. And at last, as a promotive for education it must partially fail, if not saved by public aid. And so even this returns to the State.

We are sometimes pointed to some of the great eastern colleges as private institutions. The assumption is not correct. Their management, it is true, is more or less withdrawn from direct State control. But it will be found that they have been care-

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\* It may be interesting to many to know that Prof. James C. Watson, the discoverer of no less than twenty-five of the minor planets, is not only a professor in the University but one of its graduates, of the class of 1867.

fully nurtured and fostered by public aid, until by accumulated capital and endowments, a liberal portion of the general wealth has become appropriated for their permanent support.

Whether this is really a duty of the State is best seen when we get a right idea of what the State is.

In modern intelligent communities, the State becomes more and more but the organized will of the people. It exists because there is a civil life of society, as truly as there is individual life. This civil life which we call the body politic, or the State, is not a mere convenience, but a necessity. It encloses the individual not as a prison, but as a shelter. Civilization can exist and grow only in and under law, which is the organism of civil life. The *laissez faire*, or let alone doctrine, is a delusion. It is not true that that country is best governed that is governed least. The quality of rule is the test. That country is best governed that has the best laws, few or many, and the best administration of them.

The State and the man cannot be set apart. The perfect life of each is necessary to the perfect life of both.

If society can exist only under law, the best form of society can only continue and grow under the best laws.

But society is made up of individuals, and such as are its citizens, so is the State. The free State can have no guaranty of its own life, save in the intelligence of its citizens. The corporate and individual life must be of the same kind. The one cannot ascend while the other sinks. The life of the State must be fed by the life of the citizen.

While I assert this as universally true, it is absolutely true of that form which we call a republic. This form is "of the people, by the people, and for the people." As water cannot rise above the level of its source, so this form of civil rule cannot rise above the best intelligence of its people, nor exist longer than it receives vital power and force from the people.

Does it not follow plainly, that it is a condition of the survival of a free State that intelligence shall be secured to the citizen? But as the individual passes away, and his off-



spring takes his place, the process must be continuous. And this process is education.

And here, perhaps, I ought to say, what might better have been said before, that by education I do not mean merely instruction in physical laws. These are not all that there is, either in the external world or in man. It is his moral or ethical nature that is sovereign in man and in Christian society. No education would be worthy of the name which should overlook this. Instruction is necessary here, that we may intelligently comprehend the claims and duties that subsist between us and government, society, neighborhood, family and religion. It then comes to this, as the sum of our political wisdom: The free State is essential to the best condition of the people, and an educated people is indispensable to the existence of the free State.

Does it not then follow that it is the duty of the State to see that its citizens should be educated? It is a duty primary and fundamental. It is a duty that cannot be delegated. For, as we have seen, other agencies lack means and motive, certainty and universality of operation. The power of the State is alone large enough to encircle all of its citizens; it alone can provide and maintain the machinery of complete education, and it alone can see that, to the proper extent, it reaches all.

But the objector still insists that, conceding that this duty rests on the public, as to common schools, the duty stops there.

The objection, fairly stated, is that the common school is the only one that can or will be used by pupils at large, and therefore taxation should go no further. To do more than this, it is said, is to favor some at the expense of others. This is wrong, it is said, because one man is as good as another. As to that, one might answer with Beecher: "That depends on who the other man is." As to the public, he is best who serves best. I am by no means so good as another who serves society and humanity better than I do or can. That other is the one

that society can least spare. My limits are not to be imposed on another who can lift up, where I can only weigh down.

In truth, when we analyze it, any objection against the higher schools is an objection against all schools. For, first, there is no natural limit to the common school. It may be one where only the merest elements are taught. On the other hand, the advanced common school of Prussia, of Massachusetts, or of Michigan, offers a comparatively liberal education. The common school, then, conforms to conditions of time and place, and is a varying utility and power. Still, in the heart of every common school system, the objectionable inequality exists. The wants and attainments of all pupils are not the same. The first operation of the rule that would limit education to such education as is accepted by all, would degrade our existing schools, and forever bar all progress.

The simple words of the Mayflower Compact, which declare as the object and end of the State, to frame just and equal laws for the public good, contain the marrow of all sound political philosophy. Civil rights should indeed be equal; and the greatest of all these rights, both in the interest of the State and the individual, is that the opportunity should be equally open to every man and woman to make the most of his or her gifts.

Men are not, in intellectual gifts, a level plane. The needs, powers and aspirations of the mass cannot be the measure for all. No community can be completely served or saved by the dead level. The best average intelligence needs impregnation from the superior intelligence of the best minds. The highest thought is necessary for the maturity of the common thought. It is the light and warmth of the pre-eminent minds, which, shining down into the midst of us, and infusing the common mind, ripen the great harvests of civilization and progress.

Nor can the influence of leading minds ever be dispensed with or supplied by common instruction. Though to the poet it has seemed that

“The individual withers, and the world is more and more,”

yet, I think this is more apparent than real ; that it is because the general surface has risen, and not because gifted individual life is less powerful or less needed.

Nor is partial growth enough. The State needs all the gifts and powers of all her children. She needs the whole of every man ; the whole that his expanded powers can make him. She must therefore hold open to all men and women the door by which they can come to their full estate.

And why should not a man's education be the concern of the State ? We now know that his physical condition is a matter the State must inspect and guard. Air must not only be free ; it must be pure. Alleys and living-houses must not breed typhus or small-pox. Food shall not be adulterated. Water shall not be drawn from wells poisoned by steepings from city refuse, but must be brought from nature's pure springs and reservoirs. Yet we live not by bread alone.

Vice and ignorance are great social and political sores. They subsist and grow at the public cost. It is better to prevent than to pay. What builds so many barriers against vice and crime, or provides so many means of rescue as education ?

Education does not draw the man within himself. Its function is to open to him a better understanding of all his relations in life. It enlarges his powers. It instructs him as to his duties. It unfolds to him his rights, and it arms him for further defence.

It is true that the highest education will be sought only by a few comparatively. Only a few will thirst for it. Only a few are competent to acquire and use it. But of those who do so will be those whom the world most needs. Yet, because there will be comparatively few who seek and use it, it does not thereby become a class privilege. Genius and mental gifts are not hereditary. The divine spark drops into the homeliest cottages, and into the obscurest corners ; and for such the world's welfare demands that the door should be kept wide open. What I claim as just and equal in this behalf is, that, as the State is interested in the full mental growth of every child who seeks knowledge, it shall afford to every child

full opportunity to acquire it. It is equal, because equally open to all. It is just, because it promotes the power and the welfare of all.

I have said that learning is no class privilege; that it is no selfish possession. I gladly borrow the words of a scholarly statesman, uttered last week in another place: "What you gain," said he, "to adorn and feed your mind, you gain for all around you. When you use your property, you take away its use from all others; when you use your knowledge, you can only do so by giving it out to the community in which you live."\*

This diffusible quality of the use of knowledge is what gives places of learning their great power in the world. And in our system of government it is what makes them so productive of good citizenship.

We have seen that the objector's sole ground is, that, because his children do not want the higher education, he ought not to be taxed for others. The objection might be unanswerable, if the question were as narrow as he sees it. A wiser and deeper view would answer him out of the very warp and woof of his own daily life. He would know that the fruits of knowledge become the common heritage. He would know that they are indeed twice blessed—blessed to him who gives, and him who takes. He would know that taxes to promote useful knowledge are indeed golden grain, from which comes the best bread of his living. He would know that his family are better housed, better clothed and better taught; that his reaper has replaced the sickle and cradle; that his thresher has superseded the flail; that his plough is better fashioned; that he is better treated in sickness; that he is better vindicated and defended in the courts, better ministered to in the church, and better represented in the Senate, because somebody's culture has been carried above the level. The dweller farthest inland cannot afford to put out the lamp lighted for the ship. The broad highway is built, not wholly at the cost of those who ride or carry, but that it may be a way for general business,

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\* Governor Seymour.

commerce and defence. The same truth meets us at every step. We contribute to many things in which we take no share except in the general good that results. Indeed, the idea on which many public institutions rest is, that the service which they render is one which reaches the mass of private persons, only as they share in the public welfare.

The simple truth then is, that the education of the common school, and that of schools of higher learning, do not stand apart. They are really but parts of one system. One heart animates both; one vital current flows through both. Whatever injures either impairs the whole. Each pledges the health and usefulness of the other. And I again praise the wisdom of our early Statesmen, who, upon the broad base of an advanced system of common schools, reared this University to stand as a great beacon, streaming to our farthest horizon, with the purest and brightest light of learning.

I have thus far only spoken of education as necessary to the safety of the State. Let us, for a few moments, look at it as it bears on the power of the State.

"Knowledge is itself power" is the well known aphorism. It is as true of nations as of individuals. Lord Bacon, its author, one of the wisest of thinkers and observers, has also declared that it "is manifest that the Romans never ascended to the height of empire till they had ascended to the height of other arts." And some here will recall those noble passages in which he celebrates, amidst the decay of everything else, the fertility and immortality of learning. "But the images," says he, "of men's wits and knowledges remain in books, exempted from the wrong of time, and capable of perpetual renovation. Neither are they fitly to be called images, because they generate still, and cast their seeds in the minds of others, provoking and causing infinite actions and opinions in succeeding ages. So that, if the invention of the ship was thought so noble, which carrieth riches and commodities from place to place, and consociateth the most remote regions, in participation of their fruits, how much more are letters to be magnified, which, as ships, pass through the vast seas of time, and make ages, so dis-

tant, to participate of the wisdom, illuminations and inventions the one of the other."

If learning can thus borrow the wisdom, illuminations and inventions of all ages, can thus cast its seeds into the minds of men, provoking and causing infinite actions and operations, it may be, indeed, truly said that "Knowledge is itself power."

There is a striking passage in Butler's Analogy, of the power of virtue. He supposes a community, or State, perfectly virtuous for a succession of ages, and shows how naturally it would rise to pre-eminence in moral and material power. "It would plainly," he says, "be superior to all others, and the world must come gradually under its empire; not by means of ceaseless violence, but partly by what must be allowed to be just conquest, and partly by other kingdoms submitting themselves voluntarily to it through a course of ages, and claiming its protection, one after another, in successive exigencies." This is a charming picture, but I think not overdrawn. Perfect virtue is the fine fruit of perfect knowledge and wisdom. And were it possible to secure perfect knowledge and wisdom, in civil rule, we should thereby lay the foundation of universal and eternal empire.

We may not hope for perfect knowledge or wisdom, but knowledge is the path to wisdom and power. In the modern State, power sides with those who have the highest knowledge. The people, who, by their skill and insight, command the trade, commerce, and production of the world, command the world itself. The quiet, but far-seeing, power that dwells at St. Stephen's, or in Threadneedle street, is infinitely greater than the broad brute empire of the Czar. The rule follows down to the citizen and the soldier. The musket and bayonet is powerful just in proportion to the intelligence that guides it. Look at the late great wars in Western Europe. Of the French army it is said that only 43 per cent. could write, while of the German army 98 per cent. could write. This has led a great orator to say: "In the great conflict between Germany and Austria it was the German school house which destroyed the

Austrian military forces. In the conflict between Germany and France it was again the school house which overthrew France."

And yet it was not for want of lavish expenditure that the French armies failed. It is said that 90 per cent. of all her revenues is spent by France on her armaments, while only 4 per cent. is spent on education. Let France give 20 per cent. to instruction, and not only in war, but, far better, in peace, she may hope to see her eagles mount to the zenith.

The same truth has been taught in our own home experience. At the outset of the Rebellion the South sneered at the North as an emasculated race of tillers, traders and artisans. In peaceful pursuits, the taste for arms, and their use, had died out, and with these, it was thought, manly courage had also died. And on the surface it so looked. There was no love of arms, no pride in military display. A meagre militia fanned the ashes where no real fire remained. It so happened that during the year before the war, I saw a good deal of Southern men. It was in vain that I remonstrated that it would not do to disparage the physical courage and aptitude for arms of any race of educated men. The proof, however, came swiftly. The instructed head and skilled hand showed themselves as much at home on the field as in the factory.\* The school houses again wrote their lesson of mastery—a lesson usually taught in love, charity and beneficence—but written this time in fire and blood!

But this overmastering power of knowledge and intelligence was still more impressively taught. Of the bravery and patriotic fire of the North, I never had a doubt. What oppressed me was the apparent difficulty of subduing and holding in subjection a territory so vast and so varied as the South, and inhabited by a proud and spirited people. I recalled

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\* When Baltimore was seized by a rebel mob, at the outbreak of the war, and the Massachusetts volunteers were obliged to approach Washington by way of Annapolis, they found the railroad destroyed, the track torn up, and the engines dismantled. At Gen. Butler's call, there stepped from the ranks, workmen skilled in every department of machinery and railroad work, and the railroad and its equipment was restored almost as fast as the troops could march.

all I knew of history and it answered with little hope. I remembered that Washington, when pressed hardest, had resolved, if need be, to retire to the fastnesses of the Alleghanies, convinced that he could there keep alive the fires of independence against the whole power of the British crown. As the forces of the world then were, he was right. Yet, ninety years later, the North hemmed in, as with a girdle of fire, that vast Southern land, and then, with lightning and steam furrowed and scourged it from center to circumference. It was the victory, not of mere men, but of the schools, not of brute force and courage, but of these spiritualized and crowned with thought and knowledge. Neither Grant, nor Sherman, nor Farragut were our greatest leaders. For above them, leading our leaders, were Fulton and Stephenson, Morse and Ericsson, marshalling the irresistible forces and enginery of this warfare—the steamers, the railway, the telegraph, and the ironclad. These were the forces that saved this Union, and the victory of the Union was the victory of the highest thought and science of modern times.

I cannot pursue these thoughts. I must, however, add that, while it is clear that education arms and qualifies a people for the highest triumphs and successes in war, this is not the highest stage of its power. War, at best, is the offspring of the old barbarism from which we slowly emerge. The promise of peace on earth will surely be fulfilled. In the eye of Infinite Reason I doubt not, that the skill and heroism that has covered any inhospitable land with refined and happy homes, or has whitened rocky and cold seas with a hardy, chivalrous, and nourishing commerce, shines with a glory greater than rests on any battlefield on earth. The policy that shall rear statesmen to whom peace and right is the supreme interest of the State; to whom national injustice is the highest national dishonor; to whom any victory is but spoil unless it vindicates the right; to whom politics are a science above the arts of the demagogue; who can secure the steady reign of the natural laws of public finance and economy, and dispel the sophisms and delusions that often wreck and always threaten legitimate business; who can so arrange the order of capital



and labor that harmony and co-operation shall supersede menace; who can lighten the necessity of toil to the limits of wholesome industry; who can teach society how to eradicate disease, or to curb its ravages; and who can broaden the pathway to culture to serve the needs and wants of all, is, I profoundly believe, better than a system that breeds generals, though as great as Caesar or Napoleon.

There is another field which the line of our thought tempts us to enter, but where we must be content with the merest glance.

The demand for material work in the world is not diminished by the forces that science has brought under man's dominion. Newton is said to have described his own discoveries as but a child's gathering of curious shells on the seashore. Such I think is the feeling of every true explorer. Nature still abounds in forces not yet subdued to human use. We know not what may now stand waiting at the door. Edison has lately startled us with a new world, the possibilities of which no one can yet define.

Nature certainly has neither weariness nor poverty. It is only a question whether we can bring under our dominion her boundless powers and fertility. Is it too much to hope that we may yet attain such mastery, that the abundance which nature often throws down with prodigal hands, shall be made certain and constant at our bidding? If this can be secured, is it too much to hope that human wisdom can devise such wise order of distribution that want and poverty shall cease, and the shameful selfishness of inordinate accumulations become impossible? I confess that I have sometimes thought that along this path would be found the solution of social problems, which now grow more and more onerous and menacing. At any rate, whatever may be the solution, I am sure it must be found by the movement of society in an ascending and not in a descending plane. And this movement calls for the best minds and the largest men that the best education can give to the world.

But time will not permit me to pursue this further.

To sum up here, our propositions are :

1. That education is the duty of the free State, because necessary to its safety.
2. That the higher education is but a necessary part of any sufficient system of education.
3. That, historically, Michigan is pledged to provide for and maintain this complete system of education.
4. That it enhances the power and the welfare of the State in peace and in war.
5. That only by this means can we hope for that conquest over the forces of nature so necessary for the safety of society.
6. This University is not only the consummation of what has been done, but the promise of what shall be done by Michigan in the great duty of offering her children the privileges of the most liberal instruction.

And here let us turn back a little in our path.

We have seen how rapid the University was in its development. In the fall of 1850, the Medical School was opened, to be followed, nine years later, with the Law School. In 1851, there were 159 students; in 1860, 519; in five years more the number had risen to 1,000; and in 1872, to over 1,200. As they were gathered from many States, it is apparent how the circle of its fame and influence had widened.

How is it now equipped for its future work? How is it furnished with teachers, books, collections, apparatus, laboratories, and the other means which measure its teaching power?

It has an active corps of about 75 teachers.

The library contains in all about 33,000 volumes.

There is a valuable museum of Anatomy and *Materia Medica*:

An ample and growing Geological collection:

A Zoölogical collection, said in some respects to be superior to any other in this country:

Creditable collections of Botany, Archæology, and Art:

A most thoroughly equipped general Laboratory, with three other special Laboratories:

A fine Astronomical Observatory:

And, finally, hospitals for clinical study and practice.

This, of course, is the briefest outline of the institution of learning to which we pay honor to-day. In three short decades it has done its work so well that it has won a name that, I think, the people "will not willingly let die." It exists in no hostile jealousy, but in generous sympathy and emulation for whatever is best done elsewhere.

But it may be asked, does not this impose a heavy burthen of taxation?

Even were it so, would this be a fatal objection? Would not the just inquiry be, is it fairly worth its cost. There are few great blessings which come without cost. Nature is the only free almoner; to write and to read even, does not come by nature, whatever any Dogberry may say.

Let us count the cost. First, however, we must put one side the University fund, for the revenue from this is its own.

In 1838, to launch the University, the State made a loan of \$100,000, which seems to have been all repaid. I think no other money aid was granted till 1867, when an annuity of \$15,000 was voted by the Legislature. In 1873, by the grant of a tax of the one-twentieth of one mill, the amount was raised to about \$31,000. In 1875, special appropriations of about \$20,000 a year were added for new schools of instruction, and also a specific grant of about \$26,000 for improvements on the University property. In 1877, further appropriations were made of \$27,000 for that year, and \$22,500 for the year 1878.

It gives me pleasure to recite this generous public aid. But surely this is not a burthen. It is but a pittance from the great wealth of the people; it is but a trifling share of the public revenue, and every dollar is certainly thrice repaid.

The equalized assessment roll of the State fixes the taxable property of the State at this time at \$630,000,000. The real value of this property can hardly be less than three times that sum. But suppose it be \$1,500,000,000. A tax of one-thirtieth of one mill would give \$50,000, or an annuity about equal to the largest annual aid ever granted to the University.

It should shame us to call this a burthen. It is but the

sowing of a handful of seed, that we may gather the full sheaves of a precious harvest. Let us reflect on the broad stream of wholesome influence carried hence yearly by accomplished and aspiring young men. Are we proud of our wise and intelligent public opinion? Is it not largely moulded and purified by men trained here? Are we proud of the charity and humane providence of our institutions? Is not their best guide and defence the liberal learning of this place? Do all our varying religious creeds, casting out uncharitableness, unite to sweeten society? Is not much of this due to the tolerant and catholic spirit, which reigns like a benediction here? Does every calling, every industry, every art among us, feel the power of knowledge? Is it not because they are raised and led by standards held up here? Do we count the things that give us renown abroad? What of Michigan is so well and widely known as this University?

This is what has been done, and is to-day doing, through this University. And the changes lately announced here in the methods of instruction seem to me most wise. They open to each student the path to which his tastes and gifts invite him, and take from him the fetters of the old class routine. They will give, it seems to me, the impulse of a freer life and of increased power.

It should be our aim that this house of learning should, indeed, be set on a hill, that its light cannot be hid. Its doors should be wide open to the four sides of heaven, that whoso will may enter, and find the help of knowledge. I would that there should be no young man or young woman in the State, who shall really desire an education in any useful secular science, calling, art, or industry, who may not find here the amplest instruction.

It is sometimes complained that youth from other States flock hither for education. For my part, I rejoice that it is so. What splendid testimony to the work done here! What though they return to their own homes. They do not rob us by what they carry away. They are but ships, to use the imagery of Lord Bacon, which carry riches and commodities,

and consociate remote regions in the participation of fruits. Wherever they go, they go, not only better equipped for good and true service for mankind, but also as heralds of the learning and power of this University.

Indeed, I can conceive no nobler destiny for this University than that it should rise to such true eminence, as to draw votaries from the wide world; that it should hold its lamp of learning, so high, so bright, so full, that scholars from all lands should come hither to share its beams.

“Hither, as to their fountains, other stars  
Repairing, in their golden urns draw light.”

It was once gallantly said of a noble and inspiring woman, that to have loved her was to a worthy man a liberal education. So would I have it here. I would have such power dwell here, that to have studied in its halls, and breathed its atmosphere, should ennoble with a broader and higher life.

GENTLEMEN REGENTS! My final word is to you.

In the care of this University, the care of maintaining and advancing the highest forms of education in Michigan is entrusted to your hands. No more sacred trust can ever be given you. I invoke for it your utmost fidelity and wisdom. Let no personal or selfish interest divide your counsels, or betray your judgments. Let those who were its founders, and those who have been its guardians in the past, be your models. Let not one jot or tittle fail of the high hope and noble spirit with which the University was founded. Give generous sympathy and help to the lofty aims which now possess it. Let it keep full step with the best thought, enlightenment and progress of the world. Jealously guard and maintain it as a great school for true science, knowledge, and virtue, a nurse and monitor of free ideas and enlightened citizenship, and Michigan will for ever cherish it as its chief ornament and defence—  
*decus et tutamen.*





## OCTOBER MEETING.

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UNIVERSITY OF MICHIGAN, }  
Thursday, October 10, 1878. }

The Board of Regents assembled in the room of the President at 10 o'clock A. M.

Present: The President; Regents Rynd, E. C. Walker, S. S. Walker, Climie, Duffield and Maltz.

The meeting was called to order and opened with reading of the scriptures and prayer by the President.

Regent Rynd called the attention of the Board to a typographical error in the printed minutes of the last meeting of the Regents relative to the salary of Dr. Alexander C. Maclean, Hospital Physician and Surgeon. The amount of his salary for the year commencing October 1, 1878, as per schedule of salaries adopted at the last meeting of the Board was \$500, and not \$450, as printed. The statement of Regent Rynd on examination was found to be correct.

It was moved that the correction be made, and that the minutes thus corrected be approved as printed. The motion prevailed.

A communication from Prof. A. B. Prescott was received and on motion it was referred to Committee on the Chemical Laboratory.

The annual report of Purchasing Agent Johnson was received and also referred to the Committee on Chemical Laboratory.

The President submitted a communication from the Secretary of the State Board of Health; also one from Dr. Samuel S. Moffatt, which were accepted and referred to the Committee on the Medical Department.

On motion the Board adjourned to 2½ o'clock P. M.



October 10, 1878—2½ P. M.

The Board of Regents reassembled in the room of the President at 2½ o'clock P. M.

Present, a full Board. Regents Grant and Cutcheon appearing in their seats.

On motion of Regent E. C. Walker the Board went into executive session, and after having spent some time therein the business of the open session was resumed.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*, That L. G. North be and is hereby appointed clerk of the Department of Medicine and Surgery for the current college year, at a salary of \$200.

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, and Maltz.

Nays—None.

On motion the Board adjourned to 7½ o'clock P. M.

Thursday October 10, 1878—7½ P. M.

The Board of Regents reconvened in the room of the President at 7½ o'clock P. M.

Present, a full Board.

The following report from the Committee on the Department of Medicine and Surgery was read by Regent Rynd and on motion adopted :

The Committee on Medical Department to whom was referred the accompanying letter from the State Board of Health, would respectfully report :

1. Our entire sympathy with the resolutions of the Board of Health.
2. Our inability to make such appointment at present from lack of funds for such purpose.
3. The fact that at present marked attention is given to the subject of Hygiene by the Chair of Theory and Practice.

We would further express the hope that the condition of our finances next year will enable us to make ample provision looking to the end sought by the Board of Health.

Your Committee would further add that the instruction given by the Professor of Theory and Practice last year was supplemented by a very able course of lectures given by Dr. Lyster of Detroit. Dr. Lyster

rendered his services gratuitously; they were well received by the students and productive of much good. For such services your Committee feel under renewed obligations to Dr. Lyster, who has always exhibited his devotion to his *alma mater*.

C. RYND,  
SAMUEL S. WALKER,  
ANDREW CLIMIE.

The following is the letter from the Secretary of the State Board of Health referred to in the foregoing report:

MICHIGAN STATE BOARD OF HEALTH, }  
LANSING, Mich., July 17, 1878. }

JAMES B. ANGELL, LL. D., Chairman of the Board of Regents, Michigan State University, Ann Arbor, Michigan:

DEAR SIR:—At the last meeting of the Michigan State Board of Health, held Tuesday, July 9, 1878, the following resolutions were adopted:

*Resolved*, That this Board respectfully request the Board of Regents of the University of Michigan, and the Trustees of the Detroit Medical College to establish in their respective institutions, at the earliest practicable moment, full chairs of public hygiene, and fill the same with thoroughly competent Professors.

*Resolved*, That this Board respectfully request the controlling Boards of all the collegiate institutions, as well as the high schools of the State to see that a course of instruction in public hygiene be given in each of their several institutions.

It was voted that copies of the above resolution be sent to the Board of Regents of the University, and also to the Board of Trustees of the Detroit Medical College.

Very respectfully.

HENRY B. BAKER, Secretary.

The following communication which was referred to the Committee on the Department of Medicine and Surgery was read by Regent Rynd:

ALPENA, October 7, 1878.

*To the Honorable Board of Regents of the University of Michigan:*

GENTLEMEN—Having graduated in the Homœopathic Department of the University of Michigan last March, after having pursued the study of Medicine two years with a “regular” practicing physician, and two years in college, I beg permission of your honorable Board to enter the graduating class of the College of Medicine and Surgery of the U. of M. this year. During the two years spent in my preceptor’s office I pursued the study of regular medicine exclusively, and since the first of July I have

been in the office of my preceptor studying regular medicine, and have had considerable practice, too. I do not presume to ask your Honorable Board to establish a precedent by permitting me to come up for graduation next March, in the college of Medicine and Surgery, but if consistent with the rules and regulations of the University, I would like to enter the graduating class this current year, and therefore submit this humble petition to your wise and just consideration.

Yours very respectfully.

SAMUEL S. MOFFATT.

On conclusion of the reading of the letter of Dr. Samuel S. Moffatt, Regent Rynd submitted the following report, which was adopted :

The undersigned, Committee on Medical Department to whom was referred the communication of Dr. Samuel S. Moffatt, of Alpena, in reference to his entering the "graduating class of the college of Medicine and Surgery of the U. of M.," would respectfully recommend that the application of Dr. Moffatt be referred to the Faculty of that Department.

C. RYND,  
SAMUEL S. WALKER,  
ANDREW CLIMIE.

The following communication from Prof. Samuel A. Jones was read by Regent Rynd :

HON. C. RYND, Chairman Committee Department of Medicine, etc. :

SIR :—The chair of Materia Medica and Therapeutics in the Homœopathic Medical College never having had any appropriation from your honorable Board for its equipment, and the Homœopathic Medical College not having asked or received any appropriation for books during two years, I beg leave to ask that your honorable Board will be pleased to appropriate two hundred and fifty dollars (\$250) to be expended in purchasing a set of the British Journal of Homœopathy, and a set of the Encyclopedia of Materia Medica, the said works to be kept in the General Library.

The British Journal contains literature to which I am obliged to refer continually, and which the senior students should be enabled to read at length.

I beg leave to add that I have a set of the said Journal and am not therefore advising its purchase for my own convenience.

Very respectfully,

SAMUEL A. JONES,

Prof. Mat. Med. and Ther. Hom. Med. Col.

October 10, 1878.

Having read the above communication Regent Rynd submitted the following resolutions, which were adopted :

*Resolved*, That a sum not exceeding \$250 be and is hereby appropriated from the Homœopathic Fund for the purpose of purchasing the British Journal of Homœopathy and a set of the Encyclopedia of Materia Medica, said books to be placed in the General Library of the University.

*Resolved*, further, That said expenditure shall be under the direction of the Treasurer, and shall be available only after the first day of January next.

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

A communication from Dr. J. Taft was received and read by Regent Rynd. Accepted and laid on the table.

Regent Cutcheon moved that the letter and other papers from Dr. E. C. Franklin be accepted and laid on the table.

The motion prevailed.

On motion of Regent Cutcheon the vote to approve the minutes of the last meeting as printed was reconsidered, whereupon Regent Cutcheon submitted the following resolution :

*Resolved*, That the minutes of the last meeting be corrected by adding the omitted portion of Regent Duffield's report entitled "Charges vs. Prof. Samuel A. Jones."\*

The resolution was unanimously adopted and the minutes were approved.

The President announced to the Board that his Annual Report had been prepared and was ready for presentation on call.

The reading of the report was called for, Regent Climie taking the chair. At the conclusion of the reading of the report by the President, Regent Rynd submitted the following resolution :

*Resolved*, That the annual report of the President be accepted, and that it be printed in the minutes; and that five hundred extra copies be printed and bound for the use of the Board and for the University.

The resolution was adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following is the report of the President :

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\* The Secretary has been unable to procure the omitted portion of the report.

## PRESIDENT'S REPORT.

### *To the Honorable Board of Regents:*

I have the honor to present to you my Report for the University year ending June 30, 1878.

The changes in the Faculties have been fewer than usual. In June, 1877, W. J. Hawkes, M. D., was appointed Professor of the Theory and Practice of Medicine in the Homœopathic Medical College. October 8th he resigned his place. Acting under instructions from the Board, the Committee on the Homœopathic College on October 22d invited Charles Gatchell, M. D. to the chair vacated by Dr. Hawkes. Dr. Gatchell accepted and entered on his duties on the 29th of October. His appointment was formally confirmed by the Board at the January meeting. At the same meeting Assistant Professor Pattengill was granted leave of absence until the beginning of the next College Year, with permission to apply prior to the June meeting for a further extension of his leave. Elisha Jones, M. A., was appointed Acting Assistant Professor of Greek for the period of Professor Pattengill's absence. The title of Mr. Spalding was changed from that of Instructor in Zoölogy and Botany to Instructor in Biology and Botany. In June, 1878, as the term of Dr. J. G. Gilchrist's Lectureship on Surgery in the Homœopathic Medical College then expired, E. C. Franklin, M. D., was appointed Professor of Surgery in that College. He was also appointed by the Board Dean of the Homœopathic Medical Faculty. The title of Dr. S. A. Jones was changed from Professor of Materia Medica and Therapeutics to Professor of Materia Medica, Therapeutics and Experimental Pathogenesis in the Homœopathic Medical College. Charles N. Jones, B. A., Instructor in Mathematics, who had been absent on leave for a year, was elected Assistant Professor of Mathematics.

During the year degrees were conferred as follows:

Mining Engineer.....	4
Civil Engineer.....	16
Bachelor of Science.....	5
Bachelor of Philosophy .....	9
Bachelor of Arts.....	41

Master of Philosophy.....	1
Master of Arts.....	2
Doctor of Philosophy.....	1
Doctor of Medicine (Department of Medicine and Surgery).....	98
Bachelor of Laws.....	148
Pharmaceutical Chemist.....	22
Doctor of Medicine (Homœopathic Medical College).....	22
Doctor of Dental Surgery.....	14
Doctor of Laws (Honorary).....	1
Total.....	383

It will be borne in mind that no degrees, save those which are announced as honorary, are now conferred except upon examination.

The attendance of students last year was as follows :

#### DEPARTMENT OF LITERATURE, SCIENCE AND THE ARTS.

Resident Graduates.....	7
Seniors.....	65
Juniors.....	49
Sophomores.....	77
Freshmen.....	147
In Selected Studies.....	22—367

#### DEPARTMENT OF PHARMACY.

Second Year.....	25
First Year.....	44—69

The Polytechnic School contains from the above Departments 127.

#### DEPARTMENT OF MEDICINE AND SURGERY.

Students—Total in the Department.....	297
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#### DEPARTMENT OF LAW.

Seniors.....	155
Juniors.....	229—384

#### HOMŒOPATHIC MEDICAL COLLEGE.

Students—Total.....	73
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#### COLLEGE OF DENTAL SURGERY.

Students—Total.....	43
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Total in the University.....	1233
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The total number in the University was greater by 123 than in 1876-7. In the Department of Literature, Science and the

Arts the total number was less by 2 than in the previous year. This slight shrinkage is due to the falling off in the number of Resident Graduates from 14 to 7. The undergraduates were more numerous by 5. In the School of Pharmacy the gain was 5, in the Law School 75, in the Department of Medicine and Surgery 12, in the Homœopathic Medical College 22, in the Dental College 10. This increase of numbers in the days of financial stringency was as unexpected as it was gratifying. Owing to the lengthening of the medical term from six months to nine months we had expected a falling off rather than an increase in attendance on the Medical Schools.

In the Department of Literature, Science and the Arts the attendance of undergraduates by courses was as follows: Mining Engineer, 13; Scientific, 20; Civil Engineer, 39; Latin and Scientific, 71; Classical, 195; Select, 22.

The number of women in the University was 93, or about seven and a half per cent of the whole. The percentage heretofore has been about nine. They were distributed as follows: In Literary Department, 51; School of Pharmacy, 1; Department of Medicine and Surgery, 25; Law School, 1; Homœopathic Medical College, 15.

A little more than 49 per cent. of the students were from Michigan. In the Literary Department 68 per cent. were from Michigan; in the aggregate attendance in the Medical Schools and Dental School, 49 per cent.; in the Law School about 34 per cent.; in the Pharmacy School, 50 per cent. Illinois and Ohio each sent us 98 students; New York 89; Pennsylvania, 59; Indiana, 60; Wisconsin, 32; Canada, 24; Minnesota, 25; Missouri, 22; Kansas, 19; California, 10; Kentucky, 8. Every New England State was represented here, Massachusetts sending the largest number, 10. We had students from Armenia (Asia), Japan, Russia, Porto Rico, and the Hawaiian Islands. Thirty-four of our own States and Territories, and five foreign lands were thus represented in the body of students. These simple figures indicate how wide is the influence of the University.

In the Department of Literature, Science and the Arts the year's work has been on the whole exceedingly satisfactory. The

reduction of the teaching force has made it difficult to render the best aid to our large classes in some branches, especially in Mathematics. But by the industry of our Faculty all that was possible was accomplished, and the provision for the next year relieves us of the embarrassment we have experienced in caring for the classes in Mathematics. We do, however, greatly need still one more teacher in the Modern Languages. Never have our students devoted themselves to their duties in a more orderly, earnest and commendable spirit than during the past year. There has not been a single case of serious discipline.

The desire which we have long cherished to open a Laboratory for special instruction in Physics has this year been gratified. The Legislative appropriation of fifteen hundred dollars for apparatus and of a salary for a Professor enabled us to begin this much needed work with a good degree of success. It is to be hoped that we shall be able to add to our means of illustration, until we shall be as well furnished for teaching Physics as we are for teaching Chemistry.

The appropriation of fifteen hundred dollars made by the last Legislature for the purchase of astronomical instruments has enabled us to erect a small observatory near the large one. The Director has secured an equatorial telescope of six inches aperture, and a transit instrument with zenith-telescope attachment, so mounted as to be used either in the meridian or in the prime vertical. These instruments can be used for instructing students, while the large telescope and the meridian circle will be used by the Professor in his observations. The transit of Mercury on May 8th was successfully observed by Professor Watson. The necessary expenses were met chiefly by an appropriation by Congress, but partly by a small appropriation by the Board.

It is proper to add that at the recent total eclipse of the sun Professor Watson has discovered two new planets between Mercury and the sun. He had been a firm believer in the theory advanced by the French Astronomer, Leverrier, of the existence of an intra-Mercurial planet, to which, in anticipation of its discovery, the name of Vulcan had been given. In his search he not only found Vulcan, but also another planet. This is by far the



most brilliant of the many achievements by which Professor Watson has won renown, not only for himself, but for the University. It has awakened the deepest interest on both sides of the Atlantic.

I cannot but take this occasion to renew my expression of the desire that either by private or by public munificence some adequate provision should be made for a publication fund to enable the Director to print the results of his work at our Observatory.

The Faculty of the Literary Department, ever watchful for the good of the University, have repeatedly during the last few years made such changes in the requirements for admission to the courses of study and in the methods of teaching as seemed to them to promise an increase of the usefulness of the Institution. Indeed from the beginning of the life of this University its authorities have been distinguished for the boldness and originality of their policy. They have had the pleasure of seeing not a few of their innovations, which were at first criticised, adopted by many of the leading colleges of the land. They have aimed, not so much to follow blindly the traditionary course of older colleges, as to seek with wisdom to make this Institution accomplish most successfully the largest and best work possible for it with its resources. Animated by this spirit the Faculty have for several months past been diligently inquiring whether some important and useful changes could not be made in our plans. The happy results, which had followed from opening elective studies to the senior class, impressed them with the belief that some liberty of choice might properly be extended to all the students. Again they had long felt that while the University courses were co-ordinate with most of the courses in certain prominent high schools, still the so-called English course, which is prolonged and thorough, in many schools covering the same period of study as the preparatory classical course, had no natural sequel here, which led to any degree. The question was forced on them whether while this was the case, the University was doing all that it ought to do in discharging its duty as an integral part of the State system of public education. Ought it not to try without sacrificing the interests of good scholarship and sound culture, to bring itself into some harmonious and useful relation with that large number

of High Schools which provide no classical course, but do provide a thorough English course of education which may form a suitable preparation for some scholarly course of training here? It seemed to the Faculty that an honest effort should be made to accomplish that end. Therefore they requested this Board to establish a new course, for which the thorough English course as given in our best High Schools should form the preparation, and to confer the degree of Bachelor of Letters on those who should complete the proposed course. The required work in this new course is largely in the English, French and German Languages and Literatures and in History.

Again, the Faculty were of the opinion that undue importance had been given to the element of time in fixing the requirements for graduation. In every class there are some persons who can easily do much more work than the majority of the class, and who, if permitted, could complete the studies required for graduation in less time than their less gifted associates. Since the work for a class must be so set that the pupils of average talent can perform it fairly, the best men do not under ordinary collegiate arrangements have the highest stimulus presented to them to do their best work. Indeed, when no electives are offered they are often kept back in order to accompany the class. It is true they may spend their leisure in reading. But ought not the collegiate system to be made flexible enough to furnish all needed opportunities for these exceptional students to use their best energies in some regular work? It has seemed to the Faculty that by taking proper precautions to prevent mere cramming, by requiring of each student the use of so much time as is needful for him to digest and assimilate his intellectual nutriment, they may wisely allow every one to do as much work as he can do well, and may recommend him for his degree whenever he has completed the work required for it. It will be possible for the most gifted students to obtain the first degree in a little less time than four years, and the second degree in a little less than five years, or if they choose to remain the full time, which is better, they can broaden and enrich their course by the election of studies not required for their graduation. It seems probable that while this will stimu-

late each one to make the largest attainments possible for him, it will also lead an increased number to push on their studies to the attainment of the second degree.

Again, the Faculty have thought it wise to try the experiment of admitting to the privileges of the University, without passing the regular examinations for entrance, persons of some culture and of mature years who do not desire to graduate. We have with great caution received a few such during the years past. There are men and women, especially school teachers, who have had a good deal of intellectual training, perhaps at some time have been nearly or quite prepared for college, but have been prevented from taking a college course, who greatly desire to pursue certain special studies, which they are thoroughly prepared to pursue in a manner creditable to themselves and to the University. There seems to be no good reason why at least a limited number of such persons may not be admitted to the privileges of study here. The Faculty therefore decided to permit persons of not less than twenty-one years of age, who should give satisfactory evidence of their ability to pursue the studies which they wish to take, to enter our class-rooms and avail themselves of such help as we can offer them.

It is proper to say that in making the changes named, which some may deem rather bold experiments, the Faculty had constantly in mind the mature age and the earnest purpose of our undergraduate students. For a series of years the average age of our students on entering the Freshman class has been about nineteen and a half years. Consequently we may say the average age of our students is over twenty-one. Very few of them are unwillingly here. The mass of them have not come because they were sent. A large proportion of them have toiled hard to earn the means by which they are enabled to stay here. It is but simple justice to say that they are here with a manly purpose to make the best use they can of the opportunities afforded them. If any body of students can safely be entrusted with large liberty in the choice of their studies, our undergraduates can. The disposition, which is manifested in all the large colleges, to leave wider freedom in the election of studies, can nowhere be more prudently indulged than here.

It is highly probable that some of the details may call for modification in the actual working of the scheme. We are not so wedded to any theory, which underlies it, that we shall not be ready to alter, amend, or abolish, as shall seem wise on trial. But we believe that we shall increase in a marked degree both the usefulness and the popularity of the University. The proposed changes have been received with great enthusiasm by our students and have already brought us warm commendations from many quarters, both from within and from without the State.

These were the principal considerations which led to the modifications of our plan of work, which were announced in May last. The occasion was seized however to make a distribution of the work, which should be better both for students and for teachers. It was thought that the earlier part of our courses was too exclusively given to a few studies, that it tended thereby to become monotonous and wearisome. Opportunity is now afforded for diversifying the course by judicious elections of studies. In all the courses save the Engineering courses, it is possible for the student during every term to elect some study. Previously the work of some chairs of instruction was intolerably heavy in certain parts of the year and too light at other parts. The rearrangement of our work has enabled us to remedy this evil.

Since the Class Day of the Seniors has been brought into Tuesday of Commencement week, the Alumni have found themselves crowded for an opportunity for their meetings. The Board, justly deeming it of the first importance that the Alumni should have every facility they desire for their reunions, decided to try the experiment this year of giving up Wednesday to them and to fix Thursday as Commencement Day. The Alumni, in an appreciative spirit, made special efforts to render Alumni Day attractive. An unusually large number of graduates was present and the exercises were of marked interest. In the evening the University Senate, comprising all the Faculties, gave a reception in University Hall to the Alumni and other friends of the University. A large concourse was present. Commencement Day was marked by a noteworthy change. No speakers were appointed from the graduating class, but an oration was given by

Hon. Geo. V. N. Lothrop, LL. D., of Detroit. It may be well to place on record here the principal reasons which have led us to abandon a mode of observing Commencement, which has been general, and I think, universal, in this country. In the first place, as we have no marking system, it was very difficult to make appointments, which were satisfactory either to the Faculty or to the class. When we had selected ten speakers, there were always some of their classmates who seemed equally as deserving as some of those who were appointed. Again, and perhaps partly because of this difficulty, for the last few years the opinion had been gaining ground among our students, until it had become very general, that it was not desirable to have members of the graduating class speak on Commencement Day. Some argued that such declamation was unknown in European Universities and that it was more appropriate to High Schools and Academies than to Colleges. From whatever cause there was great dislike among the students to the traditionary custom. In the third place, the lengthening of the Medical term to nine months and the prospect that possibly before long the other Professional Schools would extend their terms to nine months presented a new embarrassment. We must either have in addition to the Commencement of the Literary Department a separate Commencement for each of the principal schools, or we must have a University Commencement for the graduation of all who complete their courses in June. The latter alone was to be thought of. But if the Professional schools joined in the University Commencement, and the graduates of the Literary department were appointed to speak, why should not the graduates of the other schools also be appointed? Clearly graduates from all the schools must in that case be placed upon the stage to speak, or else none should be appointed, but some distinguished scholar or orator should be chosen to deliver a University oration at the University Commencement. After deliberation it was thought wisest to pursue the latter course, though it was not without reluctance that many saw the old usage given up. But any fears that the change would cause a diminution in the attendance or the interest on Commencement Day must have been dispelled by the result of our first experiment.

We were fortunate in securing the services of so eminent an orator to introduce the new custom and we have reason to be especially grateful for his choice of a theme. No better use could be made of Commencement Day than to present so cogent, statesmanlike and eloquent an argument in favor of the support of Higher Education by the State.

The experiment of lengthening the term in the Medical schools from six months to nine months has now been thoroughly tried. We had anticipated a decline in the attendance. It was supposed that some students would be unwilling to incur the additional expense involved in prolonging their residence here three months, and that others would prefer for other reasons to attend schools which would graduate them on easier conditions than are imposed here. Probably some were diverted from us by such considerations. But on the other hand we have been much gratified to see that not a few students came here avowedly because the term was lengthened. This indicates an encouraging desire on the part of many in the medical profession to encourage the most thorough preparation, and on the part of those who are aspiring to enter the profession, to secure such preparation for themselves. The attendance in the Department of Medicine and Surgery was larger by eleven, and that in the Homeopathic College by twenty two, than it was in the previous year. ✓

The Physiological Laboratory which the generosity of the last Legislature enabled us to establish, has been of great service to our medical students. More than two hundred and fifty of them, have availed themselves of its advantages.

In the Law School there were seventy-five more students than in the previous year, the total attendance being three hundred and eighty-four. The seating capacity of the lecture room was taxed to the utmost. It is becoming a serious question how our increasing classes are to be accommodated. It is well known to you that the Faculty of the Law Department have for some time thought it highly desirable to add one instructor to their present force. At the meeting in October, 1877, this Board authorized the Faculty and the Committee on the Law Department to provide additional assistance for the last year. It did not prove prac-

licable to act in accordance with this suggestion. But it is to be hoped that some arrangement like that then contemplated may yet be made.

It was expected that the general depression in business would make itself felt in the diminution of the attendance on the Pharmacy School. But the number of pupils was a little larger than during the previous year. The reputation of the school is now so firmly established that we may expect its prosperity to continue. Our chief solicitude arises from the difficulty of accommodating the students in the crowded condition of our Chemical Laboratory. Never before were so many pupils under instruction in a single year in the Laboratory. Although we have one hundred and seventy-five tables, not unfrequently during the past year it has been necessary to place two students at the same table.

The Dental School has a steady and healthy growth. Its work is regarded with much favor by the Dental Profession, and there can be no doubt that its classes will increase in numbers and the instruction become more and more efficient. It is to be hoped that the State will continue to supply it with the means necessary for its vigorous life.

The work at the medical clinics and at the Hospital is becoming of increasing importance. It appears from the report of the Resident Physician of the Hospital that six hundred and nineteen patients were treated between October 1, 1877 and Aug. 31, 1878. Two hundred important operations were performed. There were thirty-three operations for cataract, and thirty of them were successful.

The Secretary of the Board of Control of the State Public School at Coldwater has shown the desirableness of making some provision here for the surgical care of dependent and needy children. This Board has expressed its willingness to render them the needed help if the State will furnish us the means. This suggests again the great advantage which would accrue to the State, if provision were made here for caring for the sick and disabled persons, who now crowd our county Alms-Houses. There is no doubt that many of them might be restored to lives of usefulness, if they could have proper medical and surgical attention. A large pro-

portion of them have curable ailments of the eye. Our Medical Professors would attend upon these sick poor gratuitously, and it would probably cost the counties little more to support their invalid paupers at a Hospital here than it costs them now. There can be little question that it would be a measure of wise economy as well as of humanity for the State to establish a Hospital here for the relief of the inmates of county Poor Houses.

The appropriation of five thousand dollars voted by the Legislature for the purchase of books has enabled us to make a most valuable addition to our General Library. But we must still say that for the purposes of a University, where there is such a concourse of students, and where so many and so various kinds of intellectual work are done, our collection of books is far too small.

It is to be hoped that in some way we may be able to make adequate provision for the support of our School of Mines, including the School of Architectre. It will be remembered that owing to the failure of the last Legislature to make an appropriation for that purpose, we were obliged to drop our instruction in Architecture. We were enabled without expense to the State to make temporary provision for the instruction in Mining. But we cannot continue the work on the present plan after this year. I am still of the opinion that the plan broached in the Legislature in 1877 to remove the school to the Upper Peninsula is unwise. If the students are permitted to do their principal work here, and can with their instructors visit the Upper Peninsula in the summer, the best results will be obtained in the most economical manner.

I venture to repeat a suggestion I have made in a previous report, that it would be of essential service to the cause of education in the State, if a course of lectures on Pedagogics could be given here by some competent man. A large proportion of our students engage in teaching after graduation. Some adequate exposition of the Science and the Art of Teaching, some methodical discussion of the organization and superintendence of schools, would be most helpful. Our new system would easily yield a place for such instruction. Perhaps for a time at least a non-resident lecturer occupying a part of a year, might meet the



wants of our students, and might afford us an opportunity to test the value of such a course as is here suggested.

I cannot refrain from again reminding the friends of the University that we are in pressing need of two new buildings, one for the Library and another for the Museum of Science and Art and for lecture rooms to be used in connection with the Museum by the Professors of the Physical and the Biological Sciences. We expect to be patient and to bear with many inconveniences in these times of financial distress. But we may meantime call attention to the fact that we are suffering great inconvenience and exposing our Library and our rare and extensive scientific collections to the risks of destruction by fire for the lack of new fire-proof buildings.

With great pleasure I call attention to the Finance Committee's Report, which is hereto appended, and which shows that we closed our fiscal year with no indebtedness and with a handsome balance in the Treasury. It is a cause of great satisfaction that we have been able to liquidate the debt which had been for some time accumulating. There seems no reason to doubt that our receipts from students' fees will be materially larger this year than they were last year. The increase in the number of students which makes this result certain, also makes it in my judgment absolutely necessary that we have some addition to the Faculty of instruction in the Literary Department. We cannot maintain, and we do not deserve the favor of the public, if we undertake to give collegiate instruction to sections so large that each student cannot receive proper attention and assistance.

We must all feel encouraged by the appreciation which is shown in this State and in other States, of the work of the University. Colleges and professional schools are everywhere growing and improving; yet the number of students who resort to our halls steadily increases, and the influence and reputation of the University are constantly extending. If the State continues to us its cordial support and if we wisely administer the trust confided to us, still larger possibilities of usefulness are easily within reach of this Institution.

Respectfully submitted,

JAMES B. ANGELL.

Regent Climie announced that the annual report of the Finance Committee had been prepared and that it would be submitted on the call of the Board. The reading of the report by the chairman of the Committee was called for. The Regent responding read the following report :

The Finance Committee of the Board of Regents submit their annual report showing the financial operations of the University for the fiscal year ending June 30, 1878, with an estimate of the probable receipts and expenditures for the fiscal year ending June 30, 1879.

#### RECEIPTS—GENERAL FUND.

Balance in the Treasury July 1, 1877.....	\$ 156 17
Received from State Treas'r on acc't of int. fund...	38,596 96
Received from State Treas'r on acc't 1-20 mill tax..	31,500 00
Received from Steward for students' fees and laboratory deposits.....	47,335 00
Received on account of temporary loans.....	15,000 00
Received for interest on Treasurer's account.....	149 42
Received from medical students in part payment Diploma plate.....	90 00—\$132,827 55

#### RECEIPTS—SPECIAL FUND.

Received from State Treas'r, School of Mines acc't.\$	4,000 00
Received from State Treas'r for Hom. Med. Col...	6,000 00
Received from State Treas'r for Hospital expenses for 1877-78.....	4,000 00
Received from State Treas'r for Dent. College, salary account 1877.....	4,500 00
Received from State Treas'r Dent. Col., repairs.....	1,000 00
Received from State Treas'r, Dent. Col., apparatus, 1877.....	1,000 00
Received from State Treas'r, General Lib., 1877-8..	5,000 00
Received from State Treas'r, Physiol. Lab , 1877...	2,500 00
Received from State Treas'r, Physical Lab., 1877-8..	1,500 00
Received from State Treas'r, Astron. Obs., 1877.....	1,500 00
Received from State Treas'r, Professor of Geology, salary, 1877.....	2,000 00
Received from State Treas'r, Professor of Physics, salary, 1877.....	2,000 00
Received from State Treas'r, for extended term in Medical College, 1877.....	4,500 00
Received from State Treas'r, for extended term in Homœopathic Medical College, 1877.....	2,500 00—\$42,000 00
Total receipts.....	\$174,827 55

DISBURSEMENTS—GENERAL FUND.

Paid salaries of Officers, Professors, and other employees of the University.....	\$71,018 20
Paid temporary loans.....	32,000 00
Paid interest on temporary loans.....	755 62
Treasurer's disbursements as per vouchers sub'm'd	30,002 98—\$133,776

DISBURSEMENTS—SPECIAL FUND.

Paid salaries of Professors and other employees as follows ;	
For the Homœopathic Medical College.....	\$ 3,561 08
For College of Dental Surgery.....	4,300 00
For School of Mines.....	3,266 80
For Professor of Geology.....	1,000 00
For Professor of Physics.....	900 00
For Professor in Physiological Laboratory.....	375 00
For extended term Dept. Medicine and Surgery.....	2,250 00
Treasurer's disbursements from special funds as per vouchers submitted herewith :	
For Homœopathic Medical College.....	\$ 1,141 45
For College of Dental Surgery.....	603 29
For Dental College Repairs (in full).....	1,000 00
For Dental College apparatus.....	972 36
For General Library.....	4,112 08
For Physiological Laboratory.....	1,845 09
For Physical Laboratory.....	1,377 84
Astronomical Observatory.....	996 22
For new Hospital Equipment.....	496 58
For Hospital.....	2,741 07—\$30,938
Balance carried to new account.....	10,111

\$174,827

It will be observed that the Treasurer's disbursements from the General fund during the year were \$30,002 98. The following detailed statement shows for what purposes the disbursements were made :

For Alterations and repairs.....	\$ 2,595 17
For Fuel and lights.....	5,448 59
For Improvement of grounds.....	466 42
For Insurance.....	2,046 90
For Chemical Laboratory supplies.....	5,563 28
For Annual Calendar for 1877-8.....	1,075 60
For General Library.....	482 42
For Law Library, including amount paid for adv..	669 25
For Medical Library, including amt. paid for adv..	714 87
For Museum.....	577 38
For Postage.....	356 24
For Engineering Department.....	149 70
For Contingent Expenses.....	9,857 16—\$30,000

[It is proper to say that the following bills have been paid from the Contingent Fund; but in the estimate made in July, 1877, of probable expense on account of that fund, no items of this class were included. This will explain the discrepancy between the estimated and the actual contingent expenses. The following are the bills referred to, and are included in the above item of \$9,857.16, designated "contingent expenses."]

Paid R. Tregaskis, balance as Accountant.....	\$ 108 00
Paid for printing testimony, Rose-Douglas suit....	293 09
Paid Alpheus Felch, professional services.....	125 00
Paid C. I. Walker, professional services.....	210 60
Paid I. P. Christiancy, professional services.....	924 69
Paid W. L. Webber, professional services.....	898 70
Paid Peter Tuite, Clerk of the Circuit Court.....	43 00
Paid G. S. Wormer & Son, for steam pump at Lab.	200 00
Paid on special appropriation, Dr. Frothingham...	47 10
Paid on special app., steam coil Med. College.....	44 59
Paid B. F. Sturtevant, blower for Chem. Lab.....	65 00
Paid First National Bank of Ann Arbor for interest on temporary loans.....	755 62
Paid for Annual Calendar for 1876-7.....	1,196 04
Paid special appropriation for Prof. Watson.....	200 00—\$ 5,111 43

All other items of the Treasurer's contingent expense account might be given, but it is not deemed necessary, as all of the vouchers are herewith submitted, and will remain on file.

It will be seen on examination that the aggregate amount of receipts covered into the General Fund, during the year was \$132,827.55, and that the amount paid out on account of that fund was \$133,776.80, which shows the Fund to have been overdrawn \$949.25.

The amount received from the State Treasurer on account of special appropriations made by the State Legislature during the fiscal year was \$42,000.00. The amount paid out during the year on account of these special funds was \$30,938.86, showing a balance in the treasury to the credit of the Special Funds of \$11,061.14. If we deduct from the aggregate Special Funds balance the amount of the General Fund overdraft, viz: \$949.25, the balance in the treasury will appear as above stated, 10,111.89.

Under an act entitled "An act making appropriations for the general and other expenses of the University of Michigan," approved May 22, 1877, there was appropriated for the year 1877, the sum of \$27,000, and for the year 1878 the further sum of \$22,000—\$49,000. Of this amount \$32,000 had been drawn on the requisitions of the Treasurer before the close of the last fiscal year, leaving a balance of \$17,000, subject to draft by that officer, a part of which has been drawn by him as will

appear in his quarterly statement submitted to the Board at this

The objects for which the balance of the appropriations were as follows :

For extending the term of instruction in the Department of Medicine and Surgery for 1878.....	\$ 4,500 00
For extending term in Homœopathic Med. College same time.....	2,500 00
For payment of salaries in College of Dental Surgery, 1878.....	4,500 00
For payment of salary of Prof. of Geology, 1878...	2,000 00
For payment of salary of Prof. of Physics, 1878.....	2,000 00
For apparatus in the Physiological Laboratory.....	1,000 00
For apparatus in the College of Dental Surgery...	500 00—\$1

The estimated receipts for the fiscal year ending June 30, 1878 follows :

Balance in the Treasury June 30, 1878.....	\$10,111 89
For interest on the University Fund.....	38,200 00
For Annual State Aid, Act of 1873, 1.20 mill tax...	31,500 00
For students fees, Lab. receipts and Diploma fees..	46,000 00
For Annual State Aid, Act of 1875, Hom. Med.Col.	6,000 00
State Aid—Act of 1877—	
To pay salary of Professor of Geology.....	2,000 00
To pay salary of Professor of Physics.....	2,000 00
For Dental apparatus .....	500 00
For Physiological Laboratory.....	1,000 00
For salaries of Professors in Dental College...	4,500 00
To extend term in Medical Department.....	4,500 00
To extend term in Hom. Med. College.....	2,500 00—\$14

The estimated disbursements for the same time are as follow

For salaries of Officers, Professors, and Employees in all departments of the University.....	\$86,500 00
For Alterations and Repairs.....	3,000 00
For Fuel and Light.....	5,400 00
For Insurance.....	2,500 00
For General Library.....	2,000 00
For Medical Library.....	500 00
For Law Library.....	500 00
For Annual Calendar.....	1,100 00
For Postage .....	600 00
For Improvement of Grounds.....	500 00
For Museum and Microscopic room.....	1,000 00
For Engineering Department.....	500 00
For Department of Physics.....	500 00

For Apparatus for Dental College.....	500 00
For Current Expenses of Dental College.....	600 00
For Chemical Laboratory supplies.....	6,000 00
For Apparatus for Physiological Laboratory.....	1,000 00
For current Expenses Hom. Med. College.....	1,200 00
For Publication of a General Catalogue .....	500 00
For advertising Department of Med. and Surgery..	200 00
For advertising Department of Law.....	200 00
For advertising Department of Lit., Sci. and Arts	200 00
For advertising Hom. Med. College.....	200 00
For advertising College of Dental Surgery.....	200 00
For Regents' Expenses.....	800 00
For Contingent Expenses.....	6,000 00
For Department of General Chemistry.....	500 00-\$122,500 00

The annual report of the Treasurer with a full list of the warrants drawn by the Secretary and countersigned by the President, is herewith submitted. The list of warrants has been carefully compared with the books of the Secretary and found to be correct. The vouchers of the Treasurer for bills paid, have also been examined and compared with his books, and found to agree. The annual report of the Treasurer herewith submitted is a transcript of his books.

The Steward's statement of the amount received for students' fees, Laboratory deposits and receipts, and for Diploma fees, has been examined, compared with his books and found correctly stated.

It will be remembered by the Board that at the beginning of the last fiscal year, the indebtedness of the University was \$17,000. During the year that amount was unavoidably increased to \$32,000. In consequence of the generous appropriations made by the last Legislature of the State and of the large increase of the amount received from students' fees, and because also of the rigid economy practiced in all of the expenditures of the University, your Committee are now able to announce that *the entire indebtedness of the University is cancelled*. It gives us great pleasure to make this statement, and also to add that with a proper regard to economy, we may hope to meet the most pressing wants of the University for the present, without again incurring debt.

Respectfully submitted.

ANDREW CLIMIE,  
Chairman Finance Committee.  
GEORGE L. MALTZ.

The above report is fully concurred in with the exception that the undersigned has not personally examined the warrants and accounts herein referred to.

SAMUEL S. WALKER.

On conclusion of the reading of the report Regent Rynd moved that it be accepted and adopted, and that it be printed in the minutes; and also that it be printed with the five hundred extra copies of the President's report.

The motion prevailed.

Regent Climie submitted the annual report of the Treasurer and accompanying vouchers, for the fiscal year ending June 30, 1878, which was accepted and ordered to be placed on file.

The quarterly statement of the Treasurer, showing the condition of the Treasury, quarter ending September 30, 1878, was read by Regent Climie, and on motion the statement was ordered to be printed in the minutes.

W. A. Tolchard, Treasurer, in account with the University of Michigan,  
for the Quarter ending September 30, 1878.

July 5. To cash received from former Treasurer.....\$ 10,111 89  
To Cash received from State Treasurer—

For University Interest.....	13,703 57
For State Aid.....	7,875 00
August 15. For Physiological Laboratory.....	1,000 00
August 15. For salaries Dental College.....	4,500 00
August 15. For apparatus Dental College.....	500 00
August 20. Sale of Thompson & Tait's Philosophy.....	1 86
September 24. Students' Fees.....	10,130 00
	<hr/>
	\$47,822 26

By Disbursements made—

On warrants for salaries, etc.....\$17,681 29

On vouchers as follows:

Contingent fund.....	\$ 2,303 70
Alteration and repairs.....	1,165 37
Fuel and light.....	1,992 33
Grounds.....	411 11
Insurance.....	256 00
Engineering Department.....	45 40
Postage.....	268 76
Law Library.....	62 00
Medical Department.....	218 31
Medical Library.....	33 93
Museum.....	40 03
Chemical Laboratory.....	269 81—\$7,066 75

General Library .....	642 23
Hospital.....	737 98
Astronomical Observatory.....	248 56
Homœopathic Med. College.....	126 19
Homœopathic salaries .....	1,847 20
Dental College.....	22 16
Physiological Laboratory.....	5 00
Physiological Laboratory, Salary.....	187 50
Dental College, Salary.....	100 00
Physical Laboratory.....	34 02
On warrants as follows:	
Salary Professor of Physics.....	450 00
Salary Professor of Geology .....	500 00
Salary Professor of School of Mines.....	437 50
Extended term Medical College .....	1,125 00
Balance on hand.....	16,610 86
	<hr/>
	47,822 29

Representing the following balances :

September 30. To balance brought down.....	16,610 86
To bal. overdrawn on School of Mines equip....	249 07
To bal. overdrawn in Dental College.....	1,506 40

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\$18,366 33

By Balance in General Expense Account.....	\$3,260 00
“ “ in School of Mines Expense Account.....	2,937 50
“ “ in Homœopathic Medical College.....	68 69
“ “ in Dental College, Apparatus.....	527 64
“ “ in Dental College, Salaries.....	4,600 00
“ “ General Library.....	245 60
“ “ Hospital .....	520 95
“ “ Physiological Laboratory .....	1,087 41
“ “ Physical Laboratory.. ..	88 14
“ “ Astronomical Laboratory.....	225 22
“ “ Salary Professor of Geology.....	500 00
“ “ Salary Professor of Physics.....	650 00
“ “ Extended Term Medical College .....	1,125 00
Extended Term Homœopathic Medical College.....	2,500 00

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\$18,366 33

Regent S. S. Walker submitted the following resolution which was adopted :



*Resolved*, That the Treasurer of the University be and is hereby directed to charge the balance of the account of the Dental College of \$1,506.40 and the account of the equipment of the School of Mines of \$249.07 to the General Fund, thereby balancing the said accounts.

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutchcon, S. S. Walker, Duffield, and Maltz.

The following communication from the President and Cashier of the First National Bank of Ann Arbor, was received, read and ordered to be printed in the minutes :

FIRST NATIONAL BANK OF ANN ARBOR, }  
Ann Arbor, Mich., Oct. 10, 1878. }

*To the Honorable Board of Regents of the University of Michigan:*

On behalf of the bank we represent, we have been authorized to offer interest at the rate of four (4) per cent. per annum on the daily balances of University funds, if kept on deposit in this bank. crediting up the same on the first of January, April, July and October.

We hand you herewith a bond properly executed to be held if desired as surety for the faithful performance of the trust.

Very respectfully,

E. WELLS, President.

J. W. KNIGHT, Cashier.

P. S.—We beg to say that in the condition of the loan market we can only use our surplus money on U. S. 4 per cent. bonds.

Regent S. S. Walker offered the following resolution, which was adopted :

*Resolved*, That the proposition of the First National Bank of Ann Arbor to pay four per cent interest per annum on the daily balances of University funds on deposit in that bank be accepted.

The following is a copy of the bond executed by the directors of the First National Bank as surety for the faithful performance of the trust :

Know all men by these presents, that we, Ebenezer Wells, Philip Bach, Hiram Arnold, John Henley, Charles H. Richmond, William McCreery, and J. W. Knight, are held and firmly bound unto the Board of Regents of the University of Michigan in the penal sum of fifty thousand dollars, the payment of which well and truly to be made we and each of us do hereby bind ourselves, our heirs, executors and administrators forever.

Scaled with our seals and dated this 10th day of October, 1878.

The condition of this obligation is such that whereas the First National Bank of Ann Arbor has been appointed by the said Board of Regents of the University of Michigan as the depository of the moneys un-

der their control, Now, therefore, if the First National Bank of Ann Arbor do well and faithfully receive, pay out, and account for all the moneys that may come into its hands as such depository, then this bond to be void, otherwise to remain in full force and virtue.

In testimony whereof we hereto set our hands and seals.

E. WELLS,	[L. s.]
PHILIP BACH,	[L. s.]
HIRAM ARNOLD,	[L. s.]
JOHN HENLEY,	[L. s.]
CHAS. H. RICHMOND,	[L. s.]
WM. McCREERY,	[L. s.]
J. W. KNIGHT,	[L. s.]

The following is a copy of the bond of the Treasurer of the University, which has been accepted and approved by the Finance Committee, and which, on motion of Regent Climie, was ordered to be printed in the minutes :

Know all men by these presents, That we, William A. Tolchard, as principal, and Rice A. Beal and Charles H. Worden and Willard B. Smith and Joe T. Jacobs, as sureties, are held and firmly bound unto the Board of Regents of the University of Michigan, in the sum of fifty thousand dollars, lawful money of the United States of America, to be paid to the said Board of Regents of the University of Michigan, or their successors in office, or to their certain attorney, to which payment well and truly to be made we bind our heirs, executors, and administrators, and each and every one of them, firmly by these presents.

Sealed with our seals, dated the second day of July, one thousand eight hundred and seventy-eight.

The condition of this obligation is such, That whereas, the said William A. Tolchard was duly appointed Treasurer of the University of Michigan at the June meeting of the Board of Regents, A. D. 1878, Now therefore, if the said William A. Tolchard do well and faithfully perform all the duties of his said office, as Treasurer of said University, and do well and faithfully receive, disburse and account for all moneys that shall come into his hands as Treasurer according to the law and by-laws governing the same, and the requirements of said Board of Regents, then this bond to be void, otherwise to remain in full force and virtue.

Witness our hands and seals this second day of July, in the year of our Lord one thousand eight hundred and seventy-eight, at Ann Arbor, Michigan.

(Signed)

WILLIAM A. TOLCHARD,	[L. s.]
RICE A. BEAL,	[L. s.]
CHAS. H. WORDEN,	[L. s.]
WILLARD B. SMITH,	[L. s.]
JOE T. JACOBS,	[L. s.]

The following is a copy of the bond of the Secretary and Steward which has been accepted and approved by the Finance Committee and on motion of Regent Climie was ordered to be printed in the minutes :

Know all men by these Presents, That we, Henry D. Bennett, as principal, and Philip Bach and Alpheus Felch as sureties, are held and firmly bound unto the Board of Regents of the University of Michigan in the sum of five thousand dollars, lawful money of the United States of America, to be paid to the said Board of Regents of the University of Michigan, or their successors in office, or to their certain attorney, to which payment well and truly to be made, we bind our heirs, executors and administrators, and each and every of them, firmly by these presents.

Sealed with our seals, dated the third day of July, one thousand eight hundred and seventy-eight.

The condition of this obligation is such that, whereas, the said Henry D. Bennett, was appointed Secretary and Steward of the University of Michigan at the June meeting of the Board of Regents, A. D. 1878, Now therefore, if the said Henry D. Bennett do well and faithfully perform all the duties of his said office as Secretary and Steward of said University and do well and faithfully register and record and keep such books and reports of the Regents, and look after the buildings and property of the University according to the bye-laws governing the same, and the requirements of said Board of Regents, then this bond to be void, otherwise to remain in full force and virtue.

Witness our hands and seals this third day of July, in the year of our Lord one thousand eight hundred and seventy-eight at Ann Arbor, Michigan.

(Signed)

HENRY D. BENNETT, [L. s.]

PHILIP BACH, [L. s.]

ALPHEUS FELCH, [L. s.]

The following communication was received from the Dean of the Dental College, and was read by Regent Rynd :

UNIVERSITY OF MICHIGAN, DENTAL DEPARTMENT, }  
Ann Arbor, October 10, 1878. }

*To the Honorable Board of Regents of the University of Michigan:*

GENTLEMEN—In view of the fact that since the close of our last term quite an increased amount of labor over that of other years has devolved upon me, as Dean of the Faculty of this Department, in more extensive correspondence, and in procuring apparatus, models, books, etc., I ask your honorable body for an appropriation of \$200 for this year at least, as a compensation for this service.

I am the more encouraged to do this from the fact of the prosperous condition of this Department. It now numbers 54 in attendance, and will exceed 60 within a few days.

This class has not been brought together without effort. I am also encouraged to thus ask, because it can hardly be said that the teachers in this Department have extravagant salaries.

In the special advertising we have been very economical this year, having expended only about \$40. The larger share of this work has been done with the pen.

Trusting that this request may be in entire accord with your judgment and inclination, I am yours very respectfully.

J. TAFT.

The following report was also read by Regent Rynd, and on motion it was accepted and adopted :

The undersigned, Committee on Medical Department, to whom was referred the communication of Dr. Taft asking for an appropriation of \$200 per annum in view of his duties as Dean of the Dental College, would respectfully refer the matter to the Board without recommendation.

C. RYND,  
ANDREW CLIMIE,  
SAMUEL S. WALKER.

The following communication from the Dean of the College of Dental Surgery was read by Regent Rynd :

UNIVERSITY OF MICHIGAN, DENTAL DEPARTMENT, }  
Ann Arbor, October 10, 1878. }

*To the Honorable Board of Regents of the University of Michigan:*

GENTLEMEN—Permit me to call your attention to two or three facts in reference to the Dental Department of this institution. A year and a half ago, when the present accommodation for this work was made, it was supposed it would be quite sufficient for some time to come, but that time has proved to be short, it is now at an end. The demand now is for double the present accommodation in some directions at least. The present Laboratory room is not sufficient for more than eighteen students and yet there are over forty seeking entrance: about thirty are now crowded into it, but the work attempted fails in a marked degree for want of room.

Our lecture room is also too small, having comfortable seating room for only 45 or 50. How shall we accommodate 60 or 70?

I will further state that there is no room for the safe-keeping of the apparatus, models and specimens. The material of this kind on hand is placed about here and there through the building, wherever a resting place can be found.

The special want for the present, at least, lies in the three particulars mentioned. The laboratory work must prove an utter failure without additional facilities. In arranging for this it will doubtless be well to have some reference for the future. The probabilities are that ere long the demand will be greater than now.

As to the best method of meeting this emergency, I can hardly venture to suggest. The demand is *immediate*, and involves much labor. Your wisdom will devise the plan and your resources enable it to be executed in as short a time as possible. This is the hope of those interested.

Yours very respectfully,

J. TAFT.

Having concluded the reading of the above communication Regent Rynd read the following report which was accepted and adopted :

Your Committee on the Medical Department and Dental College to whom was referred the petition of Dr. Taft, Dean of the Dental College, asking for the necessary accommodations for the students in his department would respectfully report :

We have made a careful examination of the building now used by the Dental students, and find that the lecture room is entirely inadequate to the accommodation of the students now in attendance. There are now in attendance 54, and this number will be increased so as to reach the number of 65.

In the Laboratory, which should accommodate every student in the Dental College, we find only room for 17 students. In view of the pressing and imperative needs of the College your committee feel that accommodations must be furnished by an addition to the present Dental College of a Laboratory and also a lecture room. The present lecture room can then be used as a Dental Museum, a room now very much required. Indeed every portion of the present building can be utilized without any additional expense.

It can hardly be doubted that the next Legislature, in view of the imperative demands of this college, will make provision for the small expense of the work contemplated. We are forced, against our usual purpose, to anticipate such action on the part of the Legislature.

We respectfully recommend that the whole matter be referred to the Committee on Buildings and Grounds, and trust that the Board will see fit to order the immediate erection of the necessary addition to the Dental building.

C. RYND,  
SAMUEL S. WALKER,  
ANDREW CLIMIE.

Regent E. C. Walker presented the following resolution which was unanimously adopted :

*Resolved*, That the thanks of the Board of Regents be given to J. G. Kerr, M. D., of San Francisco, for the presentation of eight volumes in Chinese of his works on Chemistry and Medicine.

The following preamble and resolution were submitted by Regent E. C. Walker, and adopted :

WHEREAS, The Board appropriated \$275 at the last April meeting for the purchase of an Azimuth instrument, and the same has been bought for the sum of \$245;

*Resolved*, That the balance of said appropriation be expended for apparatus, photographs and measures for the Department of Civil Engineering, under the direction of the Professor of that Department.

Ayes—Regents Rynd, Grant, E. C. Walker, Climie, Cutchcon, S. S. Walker, Duffield and Maltz.

The following communication addressed to the Board was read by the President :

*To the Honorable the Board of Regents of the Michigan University:*

GENTLEMEN—Before President Tappan left Ann Arbor, he gave me sittings for a medallion head the size of life. It was very carefully modelled after many sittings. The fidelity to the original, in the minds of friends, has given it a special value.

It will give me pleasure, if you will do me the honor to accept a copy of this medallion for the University.

I am with much respect,

ALVAH BRADISH.

Regent E. C. Walker submitted the following resolution, which was adopted unanimously :

*Resolved*, That the offer of Prof. Bradish to present to the University a copy of his medallion of President Henry P. Tappan, late the honored President of this University, be accepted with thanks, and that the same be placed in the art gallery of the University.

Regent Climie read a communication from Mr. J. W. Knight, late Treasurer, and moved that it be laid on the table for the present. Regent Rynd moved to amend the motion of Regent Climie by indefinitely postponing the whole matter. As amended the motion to postpone prevailed.

On motion the Board adjourned to 9 o'clock A. M. to-morrow.

UNIVERSITY OF MICHIGAN, }  
Friday, October 11th, 1878. }

The Board of Regents reconvened in the room of the President at 9 o'clock A. M.

Present a full Board.

The following resolution submitted by Regent Rynd was adopted :

*Resolved*, That the sum of one hundred dollars be and is hereby appropriated to the Homœopathic Medical College for the purpose of paying for clerical work in the said College, and that said amount be paid from the Homœopathic College fund.

Ayes—Regent Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Regent Rynd submitted the following resolutions which were adopted :

*Resolved*, That Regents Maltz and E. C. Walker, with the President, Secretary and Treasurer of the University be and are hereby instructed to provide immediately with the erection of a suitable permanent addition to the Dental building.

*Resolved*, That the contract under the direction of the above named committee be let to the lowest responsible bidder.

*Resolved*. That the expense of such construction be paid from any balance of Dental Funds which may exist, and that any further amount which may be necessary to pay for the construction of such addition be paid from the General Fund.

The vote on the adoption of the above resolution was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, Duffield and Maltz.

Nay—Regent S. S. Walker.

Regent Rynd presented the following resolution :

*Resolved*, That the sum of one hundred dollars be and the same is hereby appropriated to the Dental College for the present college year for the purpose of paying for clerical work in said college, and that said amount be paid from any funds which may exist to the credit of the Dental College.

The vote on the adoption of the above resolution was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following resolution was also submitted by Regent and was adopted unanimously :

*Resolved*, That the Executive Committee be and are hereby authorized to communicate with the Legislature during the coming year on all matters on which the Legislature may desire information, and may be of interest to any department of the University.

The following paper from the Treasurer was received in pursuance of motion of Regent Rynd it was ordered to be printed in minutes :

Balances representing the Aggregate Balance reported June 1, 1878	
School of Mines Expense.....	\$ 249 07
Homœopathic Medical College.....	1,484 21
Hospital .....	3,702 24
Dental College Apparatus.....	10,111 89
Dental College Salaries.....	
General Library.....	
Physiological Laboratory.....	
Physical Laboratory.....	
Astronomical Observatory.....	
Salary, Professor of Geology.....	
Salary, Professor of Physics.....	
Extended term Medical College.....	
Extended Term Homœopathic Medical College.....	
Balance overdrawn on School of Mines Equip.....	\$ 249 07
Balance overdrawn Dental College.....	1,484 21
Balance overdrawn current Expense.....	3,702 24
Balance on hand July 1, 1878.....	10,111 89
	<hr/>
	\$15,547 41

Regent Cutcheon submitted the following resolution which was adopted :

*Resolved*, That in accordance with the resolution of March 1878 the President of the University set off and assign to the Homœopathic Faculty a section of not less than one-fifth of the whole number of beds in the University Hospital, to be taken consecutively so far as practicable, for the use of patients who may elect to be treated by the Homœopathic Faculty, and that said section be under the immediate management of said Homœopathic Faculty: *Provided*, That such assignment involve no additional expense for nurses, treatment or buildings.

The following communication was received and read by Regent Duffield :



*To the Honorable Board of Regents of the University of Michigan:*

At a meeting of the Ann Arbor Reform Club, a resolution was passed appointing a committee to confer with the Board of Regents, for the purpose of procuring the use of University Hall for three or four evenings in which to hold a series of temperance meetings, the object of the meetings being to introduce the subject of temperance among the students. There have been already about 300 students signed our pledge, and we think we can organize a temperance club among the students, and thereby benefit both the students and the State.

R. E. FRAZER,  
JOHN SCHUMACHER.

For the Committee.

Regent Cutcheon offered the following resolution :

*Resolved*, That the use of University Hall be granted for the holding of three meetings under the auspices of the Ann Arbor Reform Club for the purpose of instituting a temperance organization among the students of the University; *Provided*, such meetings be so arranged as not to interfere with any strictly University use of the Hall; *And provided further*, That said Club pay all the actual expenses of such use of the Hall, to be assessed and determined by the Secretary.

The resolution was adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following communication from Prof. J. W. Langley was read by Regent Duffield :

UNIVERSITY OF MICHIGAN, }  
October 10, 1878. }

*To the Honorable Board of Regents:*

GENTLEMEN—The department of General Chemistry is greatly in need of apparatus. Much now on hand is antiquated, and many important pieces are altogether wanting. I respectfully urge upon you to make an appropriation of at least five hundred dollars to be expended during the present Academic year for apparatus and repairs, including Chemicals. Below are specified a few of the things most urgently needed :

Electric Light Regulator, Sprengel Pump and Mercury, Projecting Lenses, Balance, Compression Pump, Gas Furnaces, Receivers, Universal Discharger, Calorimeter. A large number of minor articles—tubes, supports, gas jars, etc. Respectfully yours,

J. W. LANGLEY, Prof. Gen. Chemistry.

Regent Duffield, Chairman of the Committee on the Literary Department, submitted the following report, which was adopted :

The Committee on Literary Department recommend (1) an appropri-

ation of \$500 to the Department of General Chemistry, to be expended during the present academic year for the following instruments, viz:

Electric Light Regulator, Sprengel Pump and Mercury, Projecting Lenses, Balances, Compression Pump, Gas Furnaces, Receivers, Universal Discharger, Calorimeter. Also for a number of minor articles, viz: tubes, support, gas jars, etc.

The said appropriation to be drawn, and purchases made by and with the approval of the President.

GEORGE DUFFIELD.

E. C. WALKER.

GEO. L. MALTZ

The vote on the adoption of the report was as follows:

Ayes—Regents Grant, Rynd, E. C. Walker, Clinie, Cutchcon, S. S. Walker, Duffield and Maltz.

the requirements for graduation with the degree of Pharmaceutical Chemist, and he is therefore recommended to you for that degree.

By direction of the Faculty of the School of Pharmacy.

ALBERT B. PRESCOTT, Dean.

MEMORANDUM.—At the June commencement of this year it was found by the Faculty that Mr. Miller had completed all requirements for graduation as Ph. C. with his class, except that he was not then present. He is now in the University as a student of another department.

October 7, 1878.

A. B. PRESCOTT.

We recommend conferring the degree as above.

GEORGE L. MALTZ, Chairman,

E. C. WALKER,

C. RYND.

On motion of Regent Maltz the degree was conferred in accordance with the above recommendation.

Regent Maltz submitted the following resolution, which was adopted:

*Resolved*, That the Accountant in the Chemical Laboratory be and is hereby directed to keep all records and attend to the correspondence of the School of Pharmacy.

A communication from Mr. A. Hennequin was submitted by Regent Grant. No action.

The following resolution presented by Regent Rynd was adopted:

*Resolved*, That F. E. Bodeman, M. D., be and is hereby appointed Assistant to the Chair of Surgery in the Homœopathic College, without pay, *vice* William Watts, absent.

Regent Maltz presented the following report:

The Committee on Laboratory would respectfully submit the following in accordance with resolutions concerning aid in the Laboratory, adopted at the June meeting:

*Resolved*, That Byron W. Cheever be and is hereby appointed Assistant in the Chemical Laboratory at a salary of \$750 per annum from October 1, 1878.

*Resolved*, That A. H. Vandivert and B. H. Dawson be and are hereby appointed Assistants in Laboratory (without salary) and that they be furnished the usual chemicals necessary for their studies free of expense.

GEO. L. MALTZ,

E. C. WALKER,

C. RYND,

Committee on Laboratory.

The vote on the adoption of the above report was as follows:

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following resolution submitted by Regent Rynd was adopted:

*Resolved*, That the question of readjustment of college work, and the appointing assistants be referred to the committees on Literary Department and Museum, and that they report on the reassembling of the Board this afternoon.

Regent Cutcheon, Chairman of the Executive Committee, presented the following report, which was accepted and adopted:

The Executive Committee to which was referred the Bill of B. F. Granger, report said bill back to the Board, and recommend that the sum of \$50 be and the same is hereby allowed upon said bill: *Provided*, That said sum be received and accepted in full liquidation of said bill.

The vote on the adoption of the resolution was as follows:

Ayes—Regents Grant, E. C. Walker, Climie, Cutcheon, Duffield and Maltz.

Not voting—Regent S. S. Walker.

Excused from voting—Regent Rynd.

On motion the Board adjourned to 2 o'clock P. M.

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Friday, October 11, 1878.

The Board of Regents reconvened in the room of the President at 2 o'clock P. M.

Present, a full Board.

Regent E. C. Walker submitted the following resolution, which was adopted :

*Resolved.* That the Treasurer of the University be directed to procure and keep on file or in book form in his office, a careful and accurate inventory of the real estate and all personal property, tools, instruments, apparatus, machinery, and fixtures belonging to each department of the University, preserve the same in his office, and add to the same all new purchases as they are made.

The following communication from the Instructor of Botany was received and read by Regent Duffield :

ANN ARBOR, October 9, 1878.

*To the Board of Regents of the University of Michigan :*

GENTLEMEN—I present herewith a statement of some of the most pressing needs of the Microscopical Laboratory with the request that they may be taken into consideration at your present meeting. The work of students in this Laboratory has been uniformly satisfactory and excellent results have been attained. At the same time we have always suffered a very considerable waste of time owing to the fact that no more than one-third of the students can be supplied with high powers at the same time. At present about thirty students are doing Laboratory work with only nine high power objectives. Much time is wasted in consequence of this lack of Instruments.

Five one-fifth inch objectives at \$12 apiece would in a great measure supply this deficiency.

Another pressing want is felt in the lack of a set of crude drugs properly put up and labelled for the use of the senior Pharmacy class. The members of this class are expected to become familiar with the character of the principal crude drugs in commercial use. It is impossible to attain this result without a good set of specimens which can be made accessible to the class.

About 175 specimens would be required. Swift & Dodds, of Detroit, offer this number put up in salt mouth bottles with glass labels for \$69.40, and dealers in Ann Arbor will probably make quite as advantageous offers.

These articles are permanent, and would not have to be renewed. Of articles to be consumed by students in their regular work the expense for the present year is estimated at about \$45.00. The items for which an appropriation is asked are :

1. Five objectives at \$12 each.....	\$60 00
2. 175 specimens crude drugs in bottles.....	19 40
3. Reagents and materials for use in Laboratory.....	45 00

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\$175 00

It becomes necessary to determine the fee to be paid by each student to cover incidental expenses such as the cost of drugs, reagents, etc., actually consumed. In view of the fact that in other departments of the University no charge is made for the use of instruments, it is respectfully recommended that the charge for the use of microscopes be discontinued, and that each student be charged a fee of \$2 for materials and reagents each semester's work, a sum, it is believed, which will fully cover actual expense.

VOLNEY M. SPALDING, Instructor in Botany.

At the close of the reading of the above communication, Regent Duffield submitted the following report and recommendation :

The committee recommend : 1. That the charge for the use of microscopes be discontinued ; 2. That each student be charged a fee of \$2 for materials and reagents for each semester's work ; 3. That an appropriation of \$175 be made to the Laboratory, viz :

1. Five objectives at \$12 each.....	\$ 60 00
2. 175 specimens crude drugs in bottles.....	69 40
3. Reagents and materials for use in Laboratory.....	45 60

GEORGE DUFFIELD.  
E. C. WALKER,  
GEO. L. MALTZ.

The vote on the adoption of the above report and recommendation was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutch-eon, S. S. Walker, Duffield and Maltz.

The following communication from the Acting Professor of Physics was received and read by Regent Duffield :

UNIVERSITY OF MICHIGAN, }  
Ann Arbor, October 10, 1878 }

*To the Honorable Board of Regents of the University of Michigan:*

GENTLEMEN—For the proper prosecution of the work in Physics during the coming year many new pieces of apparatus are very much needed. Among them the principal are : A Standard Scale, Test Gas Metre, Rotating Apparatus, Chronograph, Tuning Forks, Resonators, Telephones, Phonograph, Double Siren, and Thermometers.

For the purchase or construction of these and some small pieces, and for repairs and ordinary expenses, I ask an appropriation of five hundred dollars for the department of Physics.

I am, very respectfully yours,

CHARLES K. WEAD, Acting Professor of Physics.

Regent Duffield, Chairman of the Committee on the Literary Department, submitted the following report :

The Committee on Literary Department recommend an appropriation of a sum not exceeding \$500 to be expended as follows :

A Standard Scale. Test Gas Meter. Rotating Apparatus. Chronograph. Double Siren. Thermometers. The said appropriation to be drawn, and purchases made subject to the approval of the President.

GEORGE DUFFIELD.

E. C. WALKER.

GEORGE L. MALTZ.

The report and recommendation of the Committee was adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Curceon, S. S. Walker, Duffield and Maltz.

The following resolution, presented by Regent Duffield, was adopted :

*Resolved*, That the sum of \$40 of the unappropriated remainder \$200 be appropriated to a descriptive Register of the students of the Literary Department, to be published under the direction of the Faculty.

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Curceon, S. S. Walker, Duffield, and Maltz.

Regent Maltz submitted the following resolution, which was adopted :

*Resolved*. That the sum of \$500 be transferred from the General Fund to the Hospital Fund, as a loan, and to be paid back to the General Fund as soon as funds are received from the State for this purpose.

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Curceon, S. S. Walker, Duffield, and Maltz.

Professor W. H. Pettie being present stated that he desired to make a few suggestions to the Board relative to the condition of the School of Mines. Permission being granted, the Professor read the following paper :

*To the Honorable Board of Regents of the University of Michigan:*

I beg to offer a few suggestions for your consideration in relation to the affairs of the School of Mines.

It is well known that the Legislature of 1875 appropriated the sum of \$21,000 for the establishment of this School (including a department of Architecture), and for its maintenance for two years. Some of the appropriation which was available for equipment purchase was lost to the University, because the Professor of Architecture and

sign, wishing to keep well within the limits of the appropriation, and not being aware that the money would have to be expended, if at all, before the end of December, 1876, postponed the completion of his intended purchases until it was too late. For information as to the expenditure of the equipment fund, so far as relates to the departments of Mining and Metallurgy, reference may be made to my letter to President Angell, published as an appendix to his report for the year ending June, 1876.

The Legislature of 1877 failed to make any appropriation for the further support of the School, and all that has been done in and for the School during the past year has had to be done without aid from the State; nay, more than that, without expense to the University. The instruction in architecture was suspended at the beginning of the year; and not a single dollar, so far as I am aware, has been drawn from the University treasury, either for the payment of salaries or for the purchase of any apparatus or supplies to be used in the Department of Mining or that of Metallurgy.

For the first two years of the existence of the School I held the Professorship of Mining Engineering. At the opening of the School in 1875, there were no students far enough advanced to take up the special topics of Mining or Metallurgy, and the services of the Professors of those branches were, therefore, to a large extent, available for other University work. I assumed charge of the classes in the Literary Department in Mineralogy and Geology, and of the Senior Pharmacy class in Crystallography. This work I repeated in the second year, giving in addition instruction in Mineralogy to the Junior class in the Mining Engineering Course, taking them in a separate section by themselves.

Upon the failure of the legislative appropriation in 1877, I resigned the Professorship of Mining Engineering, but was subsequently appointed Professor of Geology at the reduced salary provided for by special legislative appropriation, with the understanding that I was to have charge of the classes in Mineralogy, Geology and Crystallography, as in the previous year, and to give in addition the instruction in Economical Geology and in Mining Engineering to the Senior class without extra compensation. This arrangement was made after considerable discussion in the Board of Regents upon the general question of the advisability of attempting to keep up the organization of the School at all. Professor Langley also volunteered to give the metallurgical instruction to the Seniors without pay; Mr. Douglas made provision for the quantitative analysis of the Mining Engineering course in the Chemical Laboratory; and Mr. Joy rendered gratuitous assistance in blow-pipe analysis. This extra work bore heavily upon us all, but we carried on the instruction to the best of our ability under the unfavorable condi-

tions. Professor Langley and myself accompanied the Senior class in spring vacation on a visit to the mines, smelting works, and mill at Pittsburgh and vicinity, bearing our own expenses. All that could be done to make the school successful. At Commencement the degree of Mining Engineer was conferred upon four students.

The work of the present year has been begun upon substantially the same basis as that of last year, though with some modification of detail. Mr. Noone, so far as I know, regards this arrangement as anything more than a temporary provision for an interval not otherwise provided for. It is not to be made permanent. The principal objections to it are three in number: It is unfair to the students; it is unfair to the Professors; it is unworthy of the University. The students cannot receive that amount of personal attention which they ought, as students of an important branch of applied science, to receive; the Professors can do neither themselves nor their subjects justice; the University will gain no renown.

What then is to be the future of the School? I will not discuss at the present time the general question of the importance of sustaining a mining school in the State of Michigan, but will assume that you all agree with me in the opinion, that if there are good and sufficient reasons for having such a school at all, the proper place for it is at the University, with, if possible, a summer school, open for two or three months in the year, as an adjunct in the Upper Peninsula. In the present conditions of affairs there seem to be three courses of action from which to choose. The first two not being necessarily inconsistent with each other. The three courses are: (1) To attempt to secure permanent aid from the State; (2) to carry on the school as one of the branches of the University dependent for its support upon the condition of the General Fund; (3) to suspend temporarily the operation of the School. I will endeavor to set forth briefly some of the principal considerations which bear favorably or unfavorably upon each of these three plans.

1. Shall the State be asked to provide for the support of the School? This question is involved with that of the general policy of the University and of the Regents as to their relations with successive Legislatures, but it would be out of place for me here to enter upon any discussion of that broad and more comprehensive question. I will take for granted that there is no insuperable objection against going before the Legislature with a request for aid.

It seems to me desirable that the School should receive direct support from the State, if it can be obtained in the form of a permanent appropriation, not requiring to be renewed at each legislative session, but I am in doubt as to the wisdom of attempting to reorganize the School solely on the foundation of an appropriation which covers a few years only, and which is liable to be lost at the end of that time through



the failure of the Legislature to take action. Of course there would be nothing objectionable in accepting legislative aid for a period of two years, or even for one year, if the main support of the school were to come from some other quarter.

One argument in favor of seeking aid from the State lies in the probability that in this way a larger sum can be obtained for the immediate use of the School than can be spared at once from the General Fund. To place the School upon a sure footing, and to make it an efficient branch of the University will require the expenditure within a short time of considerable sums of money. When the school is well equipped, a moderate annual appropriation will be sufficient to supply its wants. Several thousand dollars could well be spent immediately in the purchase of books, apparatus, diagrams, models, mineralogical and geological specimens, and other means of properly illustrating the special subjects taught in the School. Indeed, without some such expenditure, the School cannot be carried on satisfactorily for any length of time.

There ought to be furthermore, (to say nothing about the Department of Architecture,) two Professors employed, one of Mining and one of Metallurgy, whose time can be given mainly, if not entirely to the work in those Departments. The Professor of Mining might, to be sure, have charge of one or two classes in some allied branches of study for a part of the year, and the Professor of Metallurgy might be able to render more or less assistance in the Chemical Laboratory, but it should be distinctly understood that such extra work was subordinate to the principal duties of the Professorships. The greater part of the salaries of these two officers, therefore, would have to be provided for in addition to the salaries now paid, and would be a fresh burden upon the University funds, unless relief were given by the State.

Another argument in favor of seeking aid from the State is, that, in building up a new department in the University, especially one which is expected to acquire importance, not by the large number of students attracted to it, but by the quality of the work done by those who are on its rolls, and by the value to the State of the trained young men who receive its diploma, there is a certain danger that the amount of money necessarily expended upon it will seem to be out of proportion to that appropriated for other purposes, and that some real or fancied injustice will be done to the older departments for the sake of fostering the new one.

Still another argument for seeking State aid is found in the belief that the growth and development of the School of Mines will be much more rapid and healthy upon a regular and definite annual appropriation which cannot be diverted to other uses, than it will if dependent upon the varying fortunes of the General Fund.

In making the request for aid the attention of the Legislature should be called to the best form of granting the appropriation. The Board of Regents ought to have considerable discretion in its expenditure, so as to be able to devote such part to the payment of salaries and such to the purchase of apparatus as may seem best to them from time to time.

2. If the Board of Regents, upon deliberation, decide not to ask for special aid from the incoming Legislature, or if the Legislature shall fail to grant the aid asked for, the question assumes a different form. Can the School be carried on in a satisfactory manner at the expense of the General Fund? That it cannot be carried on without expense is obvious. I will speak only of what will be indispensable in the Departments of Mining and Metallurgy, omitting, as before, any reference to the Department of Architecture, which stands in a certain sense by itself.

Good instruction in all the preparatory studies which lead to the special courses in Mining and Metallurgy, can be provided without employing any instructors in addition to those now on the ground, excepting in Geology and in a part of the Chemistry. The University instruction in Geology, including all that is understood by that term, cannot be given permanently and satisfactorily by the person who also has charge of the classes in Mineralogy and in Mining Engineering,—at least not by the present incumbent. There is work enough in those Departments for two men.

The deficiency in Chemistry alluded to above is in the quantitative analysis. The students in Mining and Metallurgy ought to have a course of study in this branch of the subject, different in many respects from that taken by the general student, or by the classes in Pharmacy. This makes it necessary to give them separate class instruction and special drill. The force in the Laboratory at the present time is insufficient to do this work well. By appointing to the chair of Metallurgy a person who could spend a part of his time in giving Laboratory instruction, or by appointing an additional Laboratory assistant and adding the instruction in Metallurgy to the duties of the assistant now in charge of the quantitative analysis (Mr. Cheever), it is probable that a fairly satisfactory arrangement can be made, to hold in force until something better can be done.

There is a pressing need of diagrams for lecture illustration, and of models for showing the principal parts of machines and furnaces with their mutual relations. These cannot as a rule be purchased in the market. The most of them will have to be made for our special use. The accumulation of an adequate equipment in these respects is necessarily a work of time, and a liberal appropriation ought to be made each year towards the increase of the collection.

The conclusion then is, that if assistance in Geology and either in

Metallurgy or in Chemistry can be provided, leaving the Mineralogy and the Mining Engineering in my hands, or putting them into those of some other person, and the sum of five hundred or a thousand dollars a year can be spared for the accumulation of apparatus, the School can be carried on with the probability of attaining a good measure of success, though it will take longer to bring it to the highest stage of efficiency than if it had a more ample endowment. Whether or not the General Fund can be depended on for supplying the additional instruction, and the needed apparatus, is a question, not for me, but for your Board to decide.

3. Shall the school be given up for a time? The principal argument that can be advanced with any force for taking this step is, that the expenditure necessary for the support of the School would not be warranted in the present financial condition of the State or of the University. Against this argument many strong objections might be urged, which need not be dwelt upon at length at this time. If, however, the School has to be suspended at the close of the current year, its projectors and those whose fortune it has been to be connected with its management will have the consolation of feeling that circumstances entirely beyond their control have led to the unfortunate result.

Respectfully submitted,

W. H. PETTEE.

October 11, 1878.

At the conclusion of the reading of the paper Regent S. S. Walker, moved that it be accepted and printed in the minutes.

The motion prevailed.

The following report was read and submitted by Regent Maltz. Regent Grant moved that the report be printed in the minutes. The motion prevailed:

Report of Purchasing Agent for the Chemical Laboratory for the year ending June 30th, 1878:

Receipts (as by Secretary's report).....	\$6,560 97
Expenses (as by Laboratory bill-book and Treasurer's report) .....	5,563 28

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Balance to help pay for next year's stock .....	\$ 997 69
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Inventory of stock on hand:

Chemicals.....	\$ 666 64
Apparatus.....	3,836 46

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Total.....	4,503 10
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The chemicals are valued at the price paid for them.

That portion of the apparatus (such as glass ware), which is as good as new, is valued at present lowest wholesale price without regard to original cost.

That which is worn or damaged by use is estimated according to the time which it will probably last.

This report does not include the following: Assay Furnaces; Smelting Furnaces; Stamp Mill; Lathe for working metals; Tools for same; Minerals and Ores; Beindorf's Steam Apparatus; Steam Jet Exhausters for producing vacuum; Large Steam Ovens and Steam Baths; Sturtevant Blowers; Working Tables for students, and permanent fixtures.

Some of the permanent apparatus of the Laboratory needs very much to be increased. This is especially the case with the microscopes and chemical balances.

I have delayed purchasing some of these much needed articles as I could not run any risk of overrunning the receipts and the amount of these could not be exactly known till the close of the year.

OTIS C. JOHNSON.

The following report and resolutions were presented and read by Regent Cutcheon:

The joint Committee on Literary Department and on Astronomical Observatory, etc., to which was referred the application of Professor Watson for an assistant in the Astronomical Observatory, also the application of the Faculty of the Law Department that Prof. Adams may deliver a course of lectures before that school on the Constitutional History of England and America, also the subject of the reassignment to duty of Asst. Prof. Pattengill, and the matter of additional help in the Department of Modern Languages would respectfully report, that they have had the several matters under consideration, and submit herewith resolutions covering and embodying their conclusions in the premises.

1. Your Committee recognize the very eminent services rendered to the cause of astronomical science and discovery by Prof. J. C. Watson, which have done much to extend the fame of this University; and also consider that outside of his duties as Professor of Astronomy, and outside of his work of instruction as connected with the Observatory, Prof. Watson has done and is doing a large amount of work in the field of original research, and computation, not coming strictly within the scope of his work of instruction, and which he has hitherto performed voluntarily, and without consideration.

The eminence which Prof. Watson has attained, has attracted the attention of other States which are now seeking to secure his services. Your Committee consider it important to retain the services of Prof.

Watson, and believe it will be a wise, and in the end an economical thing, to grant the assistance he requires in the Observatory.

2. In regard to the application of the Law Faculty, your Committee gladly bear witness to the fact that while that Department has yielded the largest pecuniary return, it has been less frequent in its demands upon our aid, than the other Departments, and we are especially anxious to meet all their requirements,—for the fullest efficiency of that Department.

One year ago we gave them permission to select an additional instructor in that Department, which permission they have not yet availed themselves of. They now request that Prof. Adams, of the Chair of History be assigned to duty as Lecturer upon Constitutional History in the Law Department. We are somewhat doubtful of the policy of permanently dividing the duties of a professor between the two schools. And after consideration your Committee think it a better way to secure a Lecturer on Constitutional History for the Law Department, rather than to disturb the present efficient work in History in the Department of Literature, Science and the Arts.

3. In regard to the matter of Prof. Pattengill, your committee find that in the month of January last this Board granted him leave of absence till the end of the year for the purpose of studying in Europe. In the readjustment of salaries at the June meeting, the name of Prof. Pattengill was omitted from the salaries bill. There seems to have been a misunderstanding in the Board as to the effect of this omission. It now appears that about half of the Board did not notice this omission, and there seems to be doubt as to the effect of this omission upon the tenure of office of Assistant Professor Pattengill. According to the statement of Prof. D'Ooge the full work of one assistant in Greek, of a high grade, is required in that department, while further assistance in the department of Modern Languages appears to be imperative, for which work Instructor Thomas, now upon the ground, would seem to be excellently adapted.

The Committee therefore report and recommend the adoption of the following resolutions:

1. That Prof. J. C. Watson be assigned to duty as the Director of the Observatory, in addition to his duties as Professor of Astronomy, and that as such Director his salary be fixed at the sum of five hundred dollars per annum.

2. That J. M. Schaeberle be and is hereby appointed Assistant in the Astronomical Observatory, at a salary of five hundred dollars per annum.

3. That the Secretary and Steward be and is hereby authorized to employ a suitable person for the performance of mechanical work and Janitor's service in and about the Astronomical Observatory, at an annual salary not to exceed three hundred and fifty dollars.

4. That the Executive Committee, in conjunction with the Dean of

the Law Faculty, be and are hereby authorized to secure the services of a Lecturer on Constitutional History, for the Law Department for the current year, at a salary not exceeding a thousand dollars.

5. That Assistant Professor Pattengill having reported for duty he be again assigned to duty in his former position of Assistant Professor of Greek, and that his salary as such be fixed at sixteen hundred dollars per annum.

6. That Instructor Calvin Thomas now on duty in the department of Greek be and is hereby transferred to the department of Modern Languages and History with the title of Instructor in Modern Languages and History, salary at nine hundred dollars.

It will be seen that Prof. Pattengill simply resumes his duties, with reduced salary; that the assistance in Modern Languages is similarly restored to the status it occupied before the reduction of working for July, 1877, when it was thought possible to avoid a general reduction of salaries, and that so far as the Astronomical Observatory is concerned restores it upon the same basis it occupied years ago. Your Committee believe that from present indications, in the large increase of attendance in the several departments, involving increased revenue, with the promises of returning prosperity, we are warranted in strengthening our corps of instruction, and that such increase is necessary to keep our University in the present leading position among the great Universities of our land.

B. M. CUTCHEON,  
E. C. WALKER,  
GEORGE DUFFIELD  
GEO. L. MALTZ,  
SAMUEL S. WALKER

At the close of the discussion of the resolutions, Rev. Mr. Cutcheon moved that the resolutions be voted upon separately, which motion prevailed.

A call vote was taken on the first resolution, with the following result:

Ayes—Regents Grant, E. C. Walker, Cutcheon, S. S. Walker, Duffield, and Maltz.

Nays—Regent Rynd and Climie.

The resolution was adopted.

A call vote on the second resolution resulted as follows:

Ayes—Regent Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, and Maltz.

The second resolution was adopted.

A call vote on the third resolution was had with the following result :

Ayes—Regents Grant, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz :

Nay—Regent Rynd.

The third resolution was adopted.

A call vote on the fourth resolution resulted as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nay—None.

The fourth resolution was adopted.

A call vote was demanded on the fifth resolution which resulted as follows :

Aye—Regents Grant, E. C. Walker, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—Regents Rynd and Climie.

The fifth resolution was adopted.

A call vote on the sixth resolution was taken with the following result :

Ayes—Regents Grant, E. C. Walker, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—Regents Rynd and Climie.

The sixth resolution was adopted.

Regent Grant submitted the following resolution, which was adopted :

*Resolved*, That the work of preparing the General Catalogue be referred to Regent S. S. Walker and Profs. Frieze and Adams.

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following resolution presented by Regent S. S. Walker, was adopted :

*Resolved*, That the sum of thirty dollars be and is hereby appropriated for the purpose of paying postage, expense of circulars, etc., in the preparation of the General Catalogue, and that the sum be placed in the hands of T. R. Chase, the compiler, to be accounted for on the completion of the work.

Ayes—Regents Grant, Rynd, E. C. Walker, S. S. Walker, Climie, Cutcheon, Duffield and Maltz.

Regent Grant submitted the following resolution, which was adopted unanimously :

*Resolved*, That the reputation won by the Observatory of the University of Michigan is an honor to our State and nation, and this Board will foster it as a place for research and investigation with all the means and influence in its power.

Regent Climie, Chairman of the Finance Committee, submitted the following resolution, which was adopted :

*Resolved*, That the sum of \$229.30 be and is hereby appropriated for Regents' expenses.

Ayes—Regents Grant, Rynd, E. C. Walker, Cutcheon, Climie, S. S. Walker, Duffield and Maltz.

The following resolution was also submitted by Regent Climie, and was adopted :

*Resolved*, That so much as may be necessary of the sums set down in the estimates in the report of the Finance Committee for the several purposes therein designated be and is hereby appropriated for such purposes.

Ayes—Regents Grant, E. C. Walker, Climie, Cutcheon, S. S. Walker and Duffield.

Not voting—Regents Rynd and Maltz (they having retired from the room.)

On motion of Regent S. S. Walker, the Board adjourned.

H. D. BENNETT, Secretary.





## SPECIAL MEETING.

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UNIVERSITY OF MICHIGAN, }  
Thursday, February 6, 1879. }

The Board of Regents convened in the room of the President in special session, at 7½ o'clock P. M.

The meeting was called to order by the President, and was opened with devotional exercises.

The following Regents answered to their names as the roll was called :

Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following paper, stating the object of the meeting, was read by the President :

LANSING, January 17th, 1879

*To the President of the University:*

The undersigned, Regents of the University, ask that a meeting of the Board of Regents be called to convene at Ann Arbor, at the usual place of meeting, on Tuesday, February 6th, at 7 P. M., for the purpose of conferring with the Joint Committee of the Legislature touching the interests of the University, and for the purpose of transacting such other business as may properly come before the Board of Regents.

B. M. CUTCHEON,  
GEORGE DUFFIELD,  
C. RYND.

On motion of Regent Rynd, the minutes of the last meeting were approved as printed.

Regent Cutcheon stated that the bill of Peter Tuite, late Clerk of the Circuit Court for the county of Washtenaw, for fees in the case between the Regents of the University of Michigan, Complainants vs. S. H. Douglas, P. B. Rose, Rice A. Beal, et al., Defendants, had been placed in his hands with a request that it be submitted to the Board for examination and payment. Having read the paper, Regent Cutcheon submitted the following resolution which was adopted :

*Resolved*, That the bill of Peter Tuite be referred to Judge J. G. Ramsdell, counsel of the Board, to examine and report what fees said Tuite is legally entitled to from this Board.

Regent Duffield read the following paper :

ANN ARBOR, January 15, 1879.

MEMORANDUM OF ARTICLES FROM PENNSYLVANIA R. R. CO.  
ALTOONA, PENNSYLVANIA.

RECEIVED THROUGH J. CLINTON GARDNER, ESQ.

No. 1. Full set of Lithographs illustrating track laying, with specifications and bills of materials.

No. 2. Four rail sections (metal) of two patterns; also numerous prints showing many characteristics of railroad iron under different circumstances.

No. 3. Two calendars for 1879.

No. 4. Four copies of tracings, large and very fine, illustrating the photographic copying process.

No. 5. Ten fine photographs of locomotives, illustrating the different classes of constructions of this kind, accompanied by copies of printed specifications.

No. 6. One jug, supposed to contain solution for copying tracings by photographic process.

J. B. DAVIS.

The following resolution, submitted by Regent Duffield, was adopted unanimously :

*Resolved*, That the sincere thanks of the Board of Regents of the University of Michigan be returned to the Pennsylvania Railroad Company for the valuable articles received through J. Clinton Gardner, Esq., General Superintendent at Altoona.

GEORGE DUFFIELD,

GEO. L. MALTZ,

Committee.

The following communication was received and read by Regent Rynd :

UNIVERSITY OF MICHIGAN, DENTAL DEPARTMENT, }  
ANN ARBOR, February 6th, 1879. }

*To the Honorable Board of Regents:*

GENTLEMEN—The Laboratory of the Dental College is greatly in need of some additional facilities for the prompt and successful prosecution of the work in that Department. The most urgent of these are three dental lathes, which will cost about \$75. For this we ask an appropriation. Most respectfully,

J. TAFT, Dean.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*, That the Treasurer of the University be, and he is hereby instructed to expend a sum not exceeding \$75 for the purpose indicated by Prof. Taft, and that said sum be charged to Dental School.

The vote was as follows :

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nay—None.

A communication from Instructor Volney M. Spalding, asking for an increase of salary, was received and read by Regent Rynd, which was referred to the Committee on Literary Department.

Regent Cutcheon read a communication from Professor J. C. Watson relative to a claim for money advanced by him in the erection of the Observatory building, which on motion was referred to the Committee on Finance.

The presence of the Joint Committee of the Legislature on the University was announced by Regent Cutcheon. He also explained the object of their visit. At the conclusion of his remarks Regent Rynd moved that any member of the Joint Committee who desires to do so, be permitted to address the Board. The motion prevailed.

Hon. D. W. Sharts, in behalf of the Joint Committee, then read the following paper :

*To the Honorable Board of Regents, University of Michigan:*

GENTLEMEN—The undersigned, members of the University Committee from the Senate and House of Representatives of this State, visit you to examine the work which is being done, to consider your needs, and to aid you according to our best ability in promoting the interests of this institution of learning.

We have received a communication from your Executive Committee touching the work and requirements of the University, and also a courteous invitation to make a personal examination of your condition and needs.

From a careful examination of the paper which has been presented to the Legislature, we have determined at this time to

1st. Ascertain whether your expenses either for tuition or incidentals can properly be reduced.

2d. Whether a new fire proof building for Library and Museum is very important, if so, the probable expense, and the amount per annum required for books.

3d. Whether a steam heating apparatus would be wise and economical.

4th. Whether you require a Homœopathic Hospital building.

5th. The lowest sum necessary for general purposes.

6th. The manner now practiced of keeping your accounts; the character of the work being done in every department of the University; the amount of labor performed by individual professors, and the length of time professors are permitted to be absent from duty for any purpose whatever.

7th. We shall be glad to have any other matter not indicated above, which may occur to you, presented for consideration. We desire to aid you in this great work of maintaining a University which shall inculcate that knowledge which is "power and liberty and peace."

We recognize the University as one source of just pride to the people of the State, and that they should not grow weary in its support, we ask that its affairs be conducted ably, honestly, and economically. We can afford to be just, but the University must be in sympathy with the people. And now in conclusion, permit us to call your attention to a single thought. You will agree with us that the unfortunate defalcation which occurred in the Laboratory, and which had been in existence for many years, the loose, irresponsible and irregular practices, which have been brought to the public attention, the partial and unfortunate position of a majority of the Board of Regents, in the treatment respectively of Douglas and Rose, in December, 1875, and the public indignation growing out of the tortuous and inequitable management of a case which should have been settled with the Director alone, these have been and still are prolific sources of great danger to the moral and financial interests of the University. The committee appointed by the last Legislature carefully examined into the matter, and came to the conclusion that Dr. Rose is innocent. They, with many members of that Legislature (83 in the House) asked for his appointment to a responsible and valuable position among the instructors of the University. We are encouraged by this action to make this important request. The people mean to do right, and to act honorably and judiciously. Their 132 representatives, coming immediately and directly from them, have no other object in this matter. We are satisfied that the great majority of the people desire the restoration of Dr. Rose, whom they believe not only to be an innocent, but a deeply injured man. As the representatives of the people, and in our present position, in some sense representing the Legislature, we look upon the history of Dr. Rose, his gallantry on the field of battle, a limb given to

his country, a crippled patriot, the excessive work he performed in the Laboratory, his economical method of living, his acknowledged poverty, uncomplainingly bearing all this, possessing the confidence of nearly all who know him, a quiet, meek and modest man, a good citizen, and, we believe, an estimable Christian gentleman—believing this, we must respectfully ask your honorable Board to restore him to a position in the University suited to his talents and industry. By so doing you show your sense of justice, your magnanimity becomes apparent, your disposition to correct the wrongs of the past is clearly evidenced to the people, and thereby you will be enabled to settle many of the difficulties surrounding the institution. Thus you will have the confidence of the people, the support of this Joint Committee, and that satisfaction which ever emanates from the discharge of duties imperatively demanded by justice and equity.

With these suggestions, hoping you will carefully weigh them, we anxiously await your action.

Ann Arbor, February 6, 1879.

J. B. MOORE,  
HIRAM C. HODGE,  
E. LAKIN BROWN,  
Senate Committee.  
FITCH PHELPS,  
DARWIN W. SHARTS,  
E. P. HILL,  
GEORGE PRAY,  
JOHN J. ROBISON,  
House Committee.

On conclusion of the reading of the paper by Mr. Sharts, Regent Rynd moved that it be accepted and printed in the minutes. Agreed to.

The following resolution was submitted by Regent Climie :

*Resolved*, That the Board of Regents of the University of Michigan do hereby accede to the request of the Joint Committee of the Senate and House of Representatives of the State of Michigan, and that Preston B. Rose be and is hereby appointed Assistant Professor of Physiological Chemistry in the University of Michigan at a salary of sixteen hundred dollars per year, salary to commence from this day, February 6, 1879.

At the conclusion of the discussion on the above resolution an aye and nay vote was called for, pending which Regent S. S. Walker submitted the following amendment :

*Resolved*. That the question now before the Board be postponed to the next regular meeting of the Board, when all members may be present.

The motion to amend having been supported by Regent Cutcheon, an aye and nay vote was called for on the amendment with the following result :

Ayes—Regents Cutcheon and Walker.

Nays—Regents Rynd, Clymie, Duffield and Maltz.

The amendment of Regent Walker was lost.

Regent Cutcheon moved to amend the resolution of Regent Climie by striking out \$1600 and inserting in lieu thereof \$900. The motion was supported by Regent S. S. Walker.

A call vote on the amendment of Regent Cutcheon was demanded, and the result was as follows :

Ayes—Regent Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The amendment of Regent Cutcheon to strike out was lost.

Regent Cutcheon moved to amend the resolution of Regent Climie by striking out \$1600 and inserting in lieu thereof \$1200. The motion to amend was supported by Regent S. S. Walker.

At the conclusion of some remarks on the amendment an aye and nay vote was taken with the following result :

Ayes—Regents Cutcheon and S. S. Walker.

Nays—Regents Rynd, Clymie, Duffield, and Maltz.

The amendment to strike out was declared lost.

The question on the adoption of the resolution submitted by Regent Climie was called for. A call vote was demanded and the result was as follows :

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regents Cutcheon and S. S. Walker.

The resolution of Regent Climie was adopted ✓

The resignation of Professor James C. Watson, Professor of Astronomy and Director of the Observatory was received and read, and on motion of Regent Rynd it was referred to the Committee on the Observatory.

The following preamble and resolutions were submitted by Regent Climie :

WHEREAS, From developments made subsequent to the rendition thereof, it appears that the decree against Preston B. Rose was rendered upon a mistake of fact: and

**WHEREAS**, There is nothing equitably due from said Rose to the Regents of the University of Michigan; therefore,

*Resolved*, That so much of the decree heretofore rendered in the circuit court for the county of Washtenaw in chancery in the cause of the Regents of the University of Michigan vs. Silas H. Douglas, Preston B. Rose, Rice A. Beal, and John Q. Wilson, Harvey S. Street and Willard B. Smith, executors of Ransom S. Smith, deceased, as relates to said Preston B. Rose, Rice A. Beal, John Q. Wilson, Harvey S. Street, and Willard B. Smith ought to be and is hereby fully discharged, and the said Rose, Beal, Wilson, Street, and Smith fully released and discharged therefrom and from all liability therein or by reason thereof.

*Resolved*, That Jonathan G. Ramsdell, solicitor and of counsel of the said the Regents of University of Michigan, be and he is hereby requested, empowered and directed to fully satisfy and discharge said decree of record, and to do all other acts in the name of the said the Regents of the University of Michigan, to give full force and effect to this act.

At the conclusion of the discussion on the above preamble and resolutions an aye and nay vote was called for. On motion of Regent Rynd the roll was ordered to be called.

The vote on the adoption of the preamble and resolutions submitted by Regent Climie was taken with the following result.

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regent Cutcheon and S. S. Walker.

The resolutions were adopted.

Mr. R. A. Beal being present asked permission to address the Board. Regent Rynd moved that permission be granted. Regent S. S. Walker objected. Regent Rynd demanded the ayes and nays, on the question whether permission should or should not be granted. The vote was as follows:

Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.

Nay—Regent S. S. Walker.

Permission being granted, Mr. Beal briefly addressed the Board.

On motion of Regent Rynd, Professor A. B. Palmer (who was present) was requested to inform the Medical Examiners for the Department of Medicine and Surgery that they were to have joint powers with the Faculty in the examination of students who are candidates for the degree of Doctor of Medicine in that Department.



On motion of Regent Climie, the Board adjourned to 9 o'clock A. M. to-morrow morning.

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UNIVERSITY OF MICHIGAN, }  
Friday, February 7th, 1879. }

The Board of Regents reconvened in the room of the President at 9 o'clock A. M.

Present: The President; Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Regent Maltz, chairman of the Committee on Buildings and Grounds, stated that Mr. Harvey, of Detroit, who had, by request, examined the steam heating apparatus now in the University buildings, was present; and that he was prepared to submit an approximate estimate of the cost of heating all buildings on the Campus, from one central boiler house. Regent Maltz moved that Mr. Harvey be permitted to make a statement relative to the feasibility and cost of heating the buildings on the grounds as above mentioned. The motion prevailed, whereupon Mr. Harvey submitted an itemized statement of the cost of heating the buildings as contemplated, and of making such changes in the present heating apparatus as the case might require. The Joint Legislative Committee being present, a general discussion of the merits of the plan by the Board and Committee was had.

Regent Rynd submitted the following resolution:

WHEREAS, We have reason to believe that the lectures in the Law Department are irregular and frequently omitted by different Professors for many days and even weeks at a time, to the great detriment of that Department; therefore,

*Resolved*, That the Executive Committee be directed to inquire into the facts and report at the next meeting of this Board the extent to which this habit of absenting themselves from duty at the regular lecture hours has been practiced by the professors in the Law Department, and report the delinquency, if any, of each and every Professor in that Department, as near as the same can be ascertained, during the present college year.

At the conclusion of the discussion, the ayes and nays were called for on the adoption of the above resolution with the following result:

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regents Cutcheon and S. S. Walker.

The resolution was adopted.

Regent Rynd submitted the following resolution :

*Resolved*, That hereafter no professor, or other employee of the University shall be at liberty to absent himself from the discharge of his proper duties in the institution longer than three college days at any one time, to attend to any other business or engagement without securing the previous consent of a majority of this Board, expressed in writing; sickness or death in their families, relatives or other friends excepted.

Pending a vote on the above resolution, Regent Cutcheon moved its reference to the Executive Committee.

The motion to refer was lost by the following vote :

Ayes—Regents Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The question on the adoption of the resolution submitted by Regent Rynd being called for, it was adopted by the following vote :

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regents Cutcheon and S. S. Walker.

Hon. E. Lakin Brown, of the Senate Committee on the University, being present, stated that in consequence of being absent last evening, when the paper prepared and signed by the Joint Committee of the Legislature was read by Hon. D. W. Sharts, he would, with the permission of the Board, state his views in a written communication touching the matters which he deemed of interest to the Board and to the University. No objection being made, the following paper was read by Mr. Brown :

**MR. PRESIDENT**—It is now fifteen years since I was familiar with this institution and its management, its work and its wants. Six years devoted in large part to the care of its interests, and to acquaintance with the distinguished men who then formed its corps of Professors, and with those my associates in the Regency, could not fail to interest me in its prosperity and success far beyond my natural interest as a citizen of the State. I have not failed to observe with delight the increasing number of its students, the advanced standard of its teaching, and the high rank it has taken amongst institutions of learning, not only of this country but of the world.

And with no less satisfaction do I observe the deep hold it is gaining in the affections of all good and intelligent men in our own State. I know there is a class of men who feel the University a burden, and who

cringe as if with pain if they can discover that even a feather's weight of taxation rests upon them from this source. I cannot but think that, they do not reflect how little is the burden and how great is the beneficence. A more enlightened public opinion assisted by the influence of the hundreds of young men constantly flowing out from your halls and mingling with the people, and assuming the positions of influence and of power which their culture and training cannot fail to give them amongst their fellow-citizens, must surely correct these false and narrow views wherever they exist, and the University will become, as it deserves to be, in the hearts of the people the pride and glory of the State.

Mr. President; we come as Committees of the Legislature, to whom is entrusted this duty, to observe the progress you are making in your great work, to discover if we can, the needs and wants of the institution, and to do all in our power consistent with the general interests of the people, to aid in its work and to further its interests. We cannot but be gratified with the evidence of the noble work it is doing, and encouraged and elevated by the prospect of its more noble future.

I know something, Mr. President, from the experience I have had upon its Board of Regents, of the many wants of such an institution that it may do the best work, and for the best interests of the people. But the full acquirement of all that is needed is, of course, a matter of slow growth, and only to be attained with the growth of the State in wealth, intelligence and refinement, and as the University becomes blended with the knowledge, the affection, and the pride of the people. In the meantime, moderation in demand, care and economy in expenditure, and a wise and judicious liberality in public grants will lead gradually to the attainment of all that its best friends foresee and desire.

And yet, Mr. President, while my own feelings are so friendly to the University, and while I am assured that those of my associates of the committees are no less so, I have a few words to say which I trust the Board of Regents will receive kindly and consider wisely. My former position on the Board of Regents may give added force to my right to say what I think we have all a right to say, as members of Committees of both Houses of the Legislature. I feel that it is incumbent upon me to say, and I think my associates will confirm me in the opinion, that there is a widely prevalent belief amongst the people of the State, and a no less confident belief amongst the legislators at the capitol, that in a case of most unfortunate notoriety occurring in the administration of the affairs at the University connected with the Laboratory, justice has not been done in the premises; that great injustice has been done; and while conceding to the Board of Regents the absolute right to decide for themselves all questions which properly come before them in the conduct of the affairs of the University, that it will be wise in them to give due deference

to so prevalent an opinion. I need not state the matter more definitely, nor enter into argument upon the subject. The last Legislature with great pains and expense inquired fully into the merits of it, and by a unanimous joint committee, and an almost unanimous Legislature expressed their opinion upon it. I think I may say that that opinion is the opinion of this Joint Committee, and is the opinion of the two Houses of the present Legislature.

This being so, it can scarcely be expected that while this wrong is unrighted, the Legislature should go on voting moneys for the University with the same freedom and liberality as they would be glad to do, if no cause existed to outrage their sense of justice. I fear it can scarcely be expected that they will permit laws to remain which already exist granting it a much needed subsidy. I say this with the most ardent love for the University, and the greatest anxiety to subserve its interests. Indeed nothing but this would impel me to animadvert upon, to call in question any of the acts of the Board constituted by law the guardian of its affairs. They will, after all, act according to the dictates of their own judgment and conscience, giving due weight to the opinions of the public, and remembering that another body, responsible also to their conscience and public opinion, have to act in the premises.

At the conclusion of the reading of the above paper Regent Rynd moved that it be accepted and printed in the minutes.

The motion prevailed.

Regent Climie read and submitted a communication from the Hon. B. F. Granger, relative to services rendered while acting as solicitor of the Board. Referred to the Executive Committee.

Regent S. S. Walker read the following communication :

*To the Honorable Board of Regents of the University of Michigan:*

In a communication which I addressed to your Board in October last and in a memorial which I presented to the Executive Committee in December, in relation to the affairs of the School of Mines, I stated that, so far as I knew, there had been no expenditure on account of the School since the close of the academic year in 1877. I made this statement in the belief that the Legislative appropriation of 1875 was exhausted at the close of the second year of the school.

Since the meeting of the Executive Committee I have learned that there is still in the hands of the Treasurer an unexpended remainder, amounting to several hundred dollars, of that portion of the school of Mines fund which was appropriated by the Legislature of 1875 for the payment of salaries and for the general expenses of the school.

I need not recall to your minds that Professor Langley and myself

have undertaken to give the special instruction in metallurgy and in mining engineering to the students of the School for two years without compensation. When this arrangement was made, we both supposed that there were no funds available for the use of the school in any way.

I do not now ask for any change in that arrangement for my own benefit; but for the sake of increasing the efficiency of the instruction in the school, and in view of the fact that there are funds available for the purpose, I respectfully request your honorable Board to provide for an assistant in mineralogy and metallurgy, to serve for the remainder of the current year. I also ask that a sum not exceeding one hundred dollars be appropriated for suitable cases of drawers in which to keep the mineral specimens which have been purchased for the use of the school.

Very respectfully yours,

W. H. PETTEE.

Ann Arbor, February 6, 1879.

On motion of Regent S. S. Walker an appropriation of \$100 was made for the purpose stated in the above communication by the following vote :

Ayes—Regents Rynd, Climie, S. S. Walker, Duffield and Maltz.

Nays—None.

The following report was read by Regent Duffield and adopted :

The committee to whom were referred the letters of Mr. V. M. Spalding, Instructor in Botany and Zoölogy, while they feel the force of some of the considerations therein presented, yet in view of other considerations already laid before the Board, do not deem it advisable until the end of the year to recommend any change in the schedule of salaries already adopted.

GEORGE DUFFIELD,

GEO. L. MALTZ,

C. RYND.

Committee.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*, That the Committee on Chemical Department with the President, be and are hereby instructed to assign Dr. Rose the work appertaining to the position to which he has been assigned as Assistant Professor of Physiological Chemistry.

The following resolution submitted by Regent Rynd was also adopted :

*Resolved*, That the Committee on Chemical Department be and is

hereby instructed to report at the March meeting what force can be dispensed with in the Chemical and Pharmaceutical Department, and whether any rearrangement of work can be wisely effected to the end that efficiency of the Department may be promoted, and economy instituted.

Mr. H. W. Ashley, of the Senior Class, in behalf of students of all departments of the University was permitted the Board to make a statement relative to the need, equipment and cost of a suitable building for a gymnasium, to be wholly voted to the use of the students of the University.

At the close of the remarks by Mr. Ashley, Regent Rynd introduced to the Board Dr. McMaster, of Dowagiac, who appeared in behalf of the Eclectic State Association of Physicians and asked permission of the Board to make a statement relative to establishing a chair of Eclectic Materia Medica and Therapeutics in the University. Permission was granted; whereupon Dr. McMaster and also Dr. Baker of Adrian addressed the Board and the Joint Committee of the Legislature at length upon the subject. At the conclusion of their remarks the Board, upon motion of Regent Maltz, went into executive session.

At the close of the executive session business in open session was resumed.

On motion of Regent Climie the resignation of Professor J. C. Watson was accepted.

Regent Climie, chairman of the Finance Committee, submitted the following resolution, which was adopted:

*Resolved*, That the sum of \$139.50 be and is hereby appropriated for Regents' expenses.

Ayes—Regents Rynd, Climie, S. S. Walker, Duffield and Maltz.

Nays—None.

Hon. J. G. Ramsdell, solicitor of the Board, to whom was referred the bill of Peter Tuite, late county clerk for Washtenaw county, for costs in the University suit submitted the following report:

*To the President and Board of Regents of the University of Michigan:*

Upon the bill of Peter Tuite, late Register in Chancery, for Washtenaw county, placed in my hands for examination to determine the rectness of the sums charged, I respectfully ask leave to report, that

have been to the clerk's office for this county, and made a partial examination of the work done by said Register, in behalf of the Regents in the Rose-Douglas case, and for which he has a legal right to charge fees, and from such examination as I have been able to make in the limited time allotted, I am of the opinion that the sum charged for such services is much more than the said Register is legally entitled to. and ought not to be allowed, and would recommend that it be put in the hands of the Secretary, with instructions to return it to said Register and request from him an itemized statement of his account under the statutes regulating the fees of Registers in chancery. Respectfully submitted.

J. G. RAMSDELL, Solicitor.

On motion the Board adjourned to 2½ o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Friday, February 7, 1879. }

The Board of Regents re-assembled in the room of the President at 2½ o'clock P. M.

Present: The President; Regents Rynd, Climie, S. S. Walker, Duffield and Maltz.

The Joint Committee of the Legislature being present, the Board and Committee went immediately into a prolonged session for the purpose of discussing the financial condition of the University, and its need of Legislative aid as stated in the memorial addressed to that body by the Executive Committee of the Board of Regents.

At the close of the conference and discussion the Board adjourned.

H. D. BENNETT, Secretary.







## MARCH MEETING.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, March 25, 1879. }

The Board of Regents convened in the room of the President at 10 o'clock A. M.

Present—The President; Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker, Duffield, and Maltz.

The meeting was called to order, and was opened with devotional exercises by the President.

On motion of Regent Rynd the minutes of the last meeting were approved as printed.

Regent Rynd stated that he was in possession of several communications concerning medical matters that he desired to submit to the Board without reading, and moved their reference to the Committee on Medical Department, which was agreed to. He also submitted a communication concerning the vacancy in the Directorship of the Observatory, which, on motion, was referred to the Committee on Observatory.

A communication from Dr. H. S. McMasters, Eclectic Physician, of Dowagiac, was read by Regent Rynd, which, on motion of Regent Grant, was referred to the Committee on the Medical Department, with instructions to report at the next meeting of the Board.

Regent Cutcheon submitted the following communication from the Dean of the Faculty of Law :

UNIVERSITY OF MICHIGAN, DEPARTMENT OF LAW, }  
ANN ARBOR, March 25, 1879. }

*To the Board of Regents:*

GENTLEMEN:—The Faculty of Law respectfully report that the following named persons have fully completed their course in this Department and have complied with all the rules entitling them to the Degree of Bachelor of Law. They are accordingly recommended for that degree:

William Lucas Aaron, Att'y,	Quincy, Ill.
William Henry Adams,	Hastings, Minn.
Ethan Belden Allen,	Maquoketa, Iowa.
Joseph N. Amor, Att'y,	Glensville, O.
Frank Davis Andrus, M. A., Att'y,	Detroit.
Frederick Charles Arbenz,	Wheeling, W. Va.
Edwin Herod Ashley, Att'y,	Lansing.
William Andrew Ault,	Marshallville, O.
Henry Edgar Baker,	St. Paul, Minn.
Gustave Charles Bartels,	Denver, Col.
Theodore Melzo Bates,	East Cleveland, O.
James William Bodel,	Hancock.
Edwin Howard Bentley,	Armada.
Thomas Benton Blackwell,	Vandalia, Ill.
Millard Fillmore Blaine,	Romulus, N. Y.
George Matthew Blake, M. D.,	Dansville, N. Y.
Frank Eugene Bliss, C. E.,	Ann Arbor.
James Herbert Blood,	Denver, Col.
Eugene Bodel,	Monroe.
Charles Elliott Boston, B. A., Att'y,	Pendleton, Ind.
William Logan Brackenridge,	Rochester.
William Henri Brown, Att'y,	Pontiac.
Orville Sanford Brumbach, B. A.,	Van Wert, O.
Joseph Cornelius Burk,	Keokuk, Iowa.
Walter Perry Butler,	New York, N. Y.
Judson Eugene Calendar,	Scranton, Pa.
Charles Edwin Carpenter,	Geneva, Ill.
Warren Carpenter, Jr.,	St. Paul, Minn.
John Smeeton Carter,	Sheffield, O.
William Paulding Caruthers,	Rockport, Texas.
Livy Chamberlin,	Elkhart, Ind.
Clarence Eugene Chapman,	Bethel, Maine.
Charles Chandler, M. A.,	Grand Rapids.
Alphons Richard Claxton,	Central Square, N. Y.
Charles Simeon Cobb, B. S.,	Andover, N. Y.
John D. Coleman, Att'y,	Fort Wayne, Ind.
Charles F. Collier,	Holly.
Homer Hodge Colvin, Att'y,	Pontiac.
Reuben Donaldson Coy,	Belleville.
William J. Crawford,	Cleveland, O.
William Holman Crow, B. S.,	Nicholsonville, Ky.
William Isaac Cummings,	Niles.

Thomas Daniel Danner,	Camden.
George Asa Dickey, Att'y,	St. Johnsbury, Vt.
Thomas Albert Dickson,	Pittsfield, Ill.
James Frederick Drake,	Belvidere, Ill.
Jude Emmet Dunlap,	Oxford.
Frank A. Durban,	Zanesville, O.
John Columbus Elder,	Downing, Mo.
Joseph Lillard Elliston,	Elliston Station, Ky.
Edward George Embler,	Pinckney.
Carl Edwin Epler, M. A.,	Jacksonville, Ill.
Free Estee,	Mt. Pleasant.
John Vigers Eustace, Jr.,	Dixon, Ill.
Willis Wirt Fay,	Elyria, O.
Oscar John Fiebing,	Milwaukee, Wis.
Henry Clay Finch, Att'y,	Noblesville, Ind.
Solomon Thompson Finch,	Flora, Ill.
John Eugene Fishburne,	Joliet, Ill.
Frank M. Ford, Att'y,	Zanesville, O.
Charles Gaylord Fowler,	Saginaw.
John Hiram Fox,	Ypsilanti.
Willis W. O. Frantz,	Lancaster, Pa.
Justus Liebig Gable,	West Salem, O.
John Parker Gale,	Boston, Mass.
William Donald Gordon,	Bayfield, Ont.
Hamer Herschel Green,	Anna, Ill.
John Wesley Gregory, Att'y,	Northfield, Vt.
George Grinnin,	Jefferson, Wis.
Edward Holmes Guyer, B. A.,	Rock Island, Ill.
Elmer Jay Hale,	Detroit.
William Tileston Hall,	Chicago, Ill.
Henry Clay Hanna, Jr.,	Fort Wayne, Ind.
Edward Florence Hays,	Pittsburgh, Pa.
William Franklin Hays, Att'y,	Lafayette, Ind.
George Haywood, Jr.,	Clinton, Iowa.
Willis Gaylord Hemenway, Att'y,	Flint.
Charles Roswell Henry,	Lake Ridge.
Cass E. Herrington, Att'y,	Pontiac.
David Morgan Hertzog, Att'y,	Uniontown, Pa.
Eugene Herriek Hickernell, Att'y,	Erie, Pa.
Arthur Sterrett Higgins,	Deer Lodge City, Mont
William E. Higgins, M. A.,	Chicago, Ill.
Hugh Matthew Hinds,	South Bend, Ind.

Shannon Buntin Hubbard,	Sandusky, O.
Martin M. Hugg,	Indianapolis, Ind.
Benjamin F. Hutchins,	Pontiac.
Daniel Carpenter Hyde,	Strafford, Vt.
Arthur Hancock Ingraham, B. A.,	Brooklyn, N. Y.
Sylvester Benjamin Isenhardt,	Camden Centre.
Clarence Lindley Jacobs, Att'y,	Logansport, Ind.
Albert Price Johnson, B. A., Att'y,	Fayetteville, Ark.
Asa Giles Judd,	Dixon, Ill.
John Perry Kellas,	Malone, N. Y.
Edward C. Kelly,	Grand Rapids.
John Justus Kerr,	Eagle.
Winfield Scott Kerr,	Lucas, O.
Joseph Morris Kirnaird, B. A.,	Lexington, Ky.
Dana Spalding Lander,	Beaver Dam, Wis.
Gustav Adolf Laubscher,	Cleveland, O.
Charles David LaTourette, Att'y,	East Saginaw.
William Spencer Lee,	Carlisle, Pa.
Michael John Lehman,	Waterloo.
Henry Rudisel Lennard,	Newcastle, Ind.
Elbridge Emerson Lewis,	Beaver Dam, Wis.
Robert Atwood Long,	Detroit.
John Elias Magers,	Gervais, Oregon.
Samuel Maher, Att'y,	Great Bend, Kan.
John Alexander Mansfield,	Hopedale.
John McDevitt,	Hamburg.
Henry McGrew,	Wyandotte, Kan.
William Barnard McGroarty,	St. Paul, Minn.
Frank T. McHenry,	Lima, O.
Robert Bishop McKnight, Att'y,	East Saginaw.
Joseph Rogers McLaughlin, B. S.,	Pontiac.
Robert C. McNamara,	Bedford, Pa.
Lee K. Mihills,	Lodi, O.
William Oscar Miller,	Topton, Pa.
Charles J. Monroe,	South Haven.
Fritz Morris,	Manistee.
William Erven Myler, Att'y,	South Bend, Ind.
Henry Wirt Newkirk,	Dexter.
Alphonso Cain Norton,	Cornell, Ind.
Josiah J. Nunn,	Norwalk, O.
Emil Nusbaumer,	Sunol, Cal.
William Harrison Ogborn,	Richmond, Ind.

Lyman Adelbert Orr,	Caro.
Charles Alvin Orth,	Keithsburg, Ill.
Edwin Shelby Palmer, Att'y,	Zanesville, O.
Elmer Alton Palmer,	Napoleon, Ohio.
Lyman De Essa Palmer, Att'y,	Black Lick, Pa.
Ralph Phelps, Jr.,	Detroit.
Winslow Shelby Pierce, Jr.,	Indianapolis, Ind.
Stephen Marion Reynolds, B. A.,	Scranton, Pa.
Thomas Barton Rhodes,	Lovington, Ill.
John Evan Richards, B. A.,	San Jose, Cal.
John Alden Riner,	Greene, Iowa.
Henry Fillmore Rizer,	Eureka, Kan.
James Thompson Robison,	Cleveland, O.
Alison Crestus Roe,	Buchanan.
Claiborne Schuyler Rohrer, Att'y,	St. Paul, Minn.
Charles Henry Rose,	Caro.
Cyrus Egbert Rosenkrans,	Wayland, N. Y.
George Frederick Ross,	St. Charles, Ill.
Albert Florian Rouse, Att'y,	Lansing.
Albert Conrad Runkel,	Milwaukee, Wis.
Henry Wayne Russell,	Monroe.
Louis Charles Schwerdtfeger,	Lincoln, Ill.
John Granville Scouten, B. E.,	Traverse City.
John C. Sheridan,	Paola, Kan.
Preston Fremont Simonds,	Alexandria, N. H.
Thomas Shreve Boyce Slaughter,	Lexington, Mo.
Adolph Sloman,	Detroit.
Clarence W. Smith,	Ann Arbor.
Frederick Eustace Smith,	Saginaw City.
Charles Elliott Solis,	St. Clair.
George Washington Somerville,	Rochester, Minn.
William Andrew Staley, Att'y,	Frankfort, Ind.
Edwin Forrest Steers,	Wayne.
Edward Ives Stimson,	Detroit.
Elias Cephas Stone,	Greensboro, Pa.
James King Taylor,	San Francisco, Cal.
Otis David Thompson,	Elkhart, Ind.
William Henry Townsend,	Battle Creek.
William Squire Turner,	Louisville, Ky.
Edwin Smith Van Deusen,	Springbrook, N. Y.
George Allen Van Dyke,	Ashmore, Ill.
Benjamin Franklin Wade,	Cleveland, O.

Napoleon Wagner,	Sidney, O.
Bryant Walker, B. A., Att'y,	Detroit.
Henry Gibson Wanty,	Ann Arbor.
Isaac Benjamin English Ward,	San Jose, Cal.
Clarence Beshier Wardle, Att'y,	Ionia.
Delos Nicholas Weaver,	Elkhart, Ind.
Lovell Hastings Webb,	Topeka, Kan.
Melville Stone, B. S.,	Unity, Maine.
Charles Edgar Sutton, B.A., Att'y,	Logansport, Ind.
Walter Webster,	Assyria.
Otway C. Weesner,	Wabash, Ind.
Henry Edward Weiskopf,	Milwaukee, Wis.
Dudley Morris Wells,	Montgomery.
Charles Alvah Widener,	Clifton, N. Y.
David John Williams,	Culloden, Ont.
William Henry Williamson, B. S.,	Union City, Ind.
Louie Barney Winsor,	Hillsdale
William Seaburn Wise,	Plattsburgh, Neb.
Charles A. Withey, Att'y,	Caro.
Thomas Jefferson Wolff,	Rhine, Wis.
Emery Thomas Wood,	Ryeckwood.
Will R. Wooden,	Tecumseh.
Henry Madison Woodford, B.A.,	Paris, Ky.
George William Wurzell,	St. Mary's, Pa.
John Otto Zabel,	Petersburg.

THOMAS M. COOLEY,  
Dean of the Faculty of Law.

The following resolution was submitted by Regent Cutcheon and unanimously adopted :

*Resolved*, That the degree of LL. B. be and is hereby conferred upon each of the persons named in the above communication from the Dean of the Faculty of Law, in accordance with the recommendation of that Faculty.

Several communications relative to filling the vacancy occasioned by the resignation of Prof. James C. Watson, were submitted by Regent Cutcheon and referred to the Committee on the Observatory.

Application for a duplicate diploma was made to the Board by Mr. James H. Raymond, of Austin, Texas. Satisfactory evidence of the loss of the original having been furnished by him a duplicate was granted upon the payment of five dollars.

Regent S. S. Walker submitted the following resolution which was adopted unanimously :

*Resolved*, That the degree of Civil Engineer be conferred upon Mr. Henry Goslee Prout, and that he be ranked in the class of 1871 to which he belonged.

The following communication was received from the Dean of the Department of Medicine and Surgery :

UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, March 24, 1879. }

*To the President and Board of Regents of the University of Michigan:*

GENTLEMEN,—The following named persons having complied with all the conditions and requirements for graduation in the Department of Medicine and Surgery, are hereby recommended for the degree of Doctor of Medicine.

Very respectfully,

A. B. PALMER, Dean.

Herman Augustus Bailey,	Marlboro, Mass.
Charles F. Bennett,	Wayne,
William R. Cullen,	Beaver Dam, Wis.
Charles Fremont Dight,	Mercer, Pa.
Benjamin Logan Evans, M. S.,	Watseka, Ill.
Lewis Alfred Flexer,	Tamaqua, Pa.
Edward Lawton Fosdick,	Butler, Ind.
Louis C. Fuller, P. C.,	Brighton.
George Austin Harding,	Sault Ste. Marie.
Charles Everett Hebard,	Grand Rapids.
Calvin Joy Hilliker,	Canandaigua.
James Porter Howard,	Montpelier, Ind.
Frank Jackson Hubbard, P. C.;	Galesburg.
John Jones Hudson,	Sydney, Australia.
Reynold Jerome Kirkland,	Grand Rapids.
Ora Manly,	Deerfield.
James Curtis Miller,	Sarpy Centre, Neb.
James Patterson Orr,	West Newton, Pa.
Byron Heston Ovenshire,	Dundee, N. Y.
Louis Michael Plessner,	Saginaw.
Thomas Jefferson Ritter,	Milton, Pa.
Frank H. Rorick,	Wauseon, O.
Orville Lemon Rowe,	Dansville, N. Y.
Henry Albert Shurtleff,	Ann Arbor.
William Henry Smith, Ph. D.,	Ann Arbor.
Ralph Tenney Sowdon,	Ironton, Pa.



Willis Seaman Walkley,	Hendersonville.
Thomas Herman Wilcox,	New York City, N. Y.
Antoinette Williams,	Lawrence, Kan.
W. A. S. Williams,	Horton.
Franklin William Wilson,	Edgeworth, Ont.
Arthur Leland Worden,	Ann Arbor.

The following resolution, submitted by Regent Rynd, was adopted :

*Resolved*, That the degree of Doctor of Medicine be and is hereby conferred on the persons named in the communication signed by the Dean of the Faculty of the Department of Medicine and Surgery.

The following communication was also read by Regent Rynd :

UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, March 24, 1879. }

*To the Honorable the Board of Regents:*

GENTLEMEN—The following named persons, having complied with all the conditions or requirements for graduation in the College of Homœopathy, are hereby recommended for the Degree of Doctor of Medicine.

Very respectfully,

E. C. FRANKLIN, Dean.

Alvin Byron Allyn,	Ann Arbor.
Archibald Herbert Babcock,	Jamestown, N. Y.
John Coolidge,	Wellsboro, Pa.
Elijah Nash Cooper,	Jackson.
Jabez Percy Dake, Jr.,	Nashville, Tenn.
John H. DeMay,	Saint Johns.
John Wesley Dill,	Ladoga, Ind.
Mary Tanner Dill,	Ladoga, Ind.
James Henry Enloe,	Nashville, Tenn.
Peter Erb,	Buffalo, N. Y.
Lottie Elizabeth Fitzgerald,	Detroit.
Phebe Ann French,	Jackson.
Leonard Edwin Gallup,	Marshall.
Oscar Samuel Hartson,	Ann Arbor.
Albert Lodge,	Detroit.
Edward Augustus Lodge,	Detroit.
Daniel A. McLachlan,	Aylmer, Ont.
Charles Osborne Padley,	Muskegon.
Eugene Clarence Story,	Greenville.
Charles Morton Wælder,	Hannibal, Mo.

Aaron Robert Wheeler,	.	.	.	York.
Amos Hiram Winslow,	.	.	.	Ann Arbor.
James Craven Wood,	.	.	.	Monroe.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*, That the Degree of Doctor of Medicine be conferred upon the persons whose names have been reported above by the Dean of the Homœopathic Medical College.

On motion of Regent Rynd, a committee consisting of the President, Regents Cutcheon, Grant and Climie, was appointed to report a resolution expressive of the sympathy of the Regents with Regent E. C. Walker in his severe illness.

Regent Duffield stated that he had in his possession several communications touching the appointment of a successor to Professor James C. Watson, Director of the Observatory, and requested their reference to the Committee on the Observatory.

Agreed to.

Regent Cutcheon read a communication from Mr. Peter Tuite, late clerk of Washtenaw County, relative to his claim for fees in the case of Douglas vs. The University of Michigan, which was accepted, and on motion of Regent Grant laid on the table for the present.

The following resolution submitted by Regent Rynd was adopted :

*Resolved*, That the sum of five dollars be exacted for a duplicate diploma, in all cases when such diploma has been ordered by this Board.

On motion of Regent S. S. Walker the Board took a recess to 2½ o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, 2½ o'clock P. M. }

The Board of Regents reconvened in the room of the President at 2½ o'clock P. M.

Present, a full Board, except Regent E. C. Walker.

Regent Cutcheon in behalf of the special committee submitted the following resolution, which was adopted :

*Resolved*, That the members of the Board have heard with deep regret of the severe illness of Regent E. C. Walker; that we tender him

this expression of our sincerest sympathy, and that we fervently hope for his early and complete recovery.

J. B. ANGELL,  
B. M. CUTCHEON,  
C. B. GRANT,  
ANDREW CLIMIE.

Regent Rynd presented the following report and recommendation, which was adopted :

The Committee on Medical Department to whom were referred the letters of Dr. McMaster would respectfully recommend that under the head of "Conditions of Graduation," on page 76 of Calendar for present year, the word "regular" be stricken out in any and all future announcements of a similar character.

Regent Rynd, Chairman of the Committee on the Medical Department submitted the following report, which was adopted :

Your Committee on Medical Department to whom was referred the application of Norton Strong, find that said Strong claims that he was influenced in coming to the Medical Department and entering as a student, by the supposition that he could graduate at the end of the college year on which he had entered. He afterwards found that the Faculty would not consent to his so graduating in the time contemplated by him, and he says: "I therefore left Ann Arbor without delay, and came to the Chicago Medical College, where I now am a member of the senior class, and will graduate this spring."

In view of the peculiar circumstances of this case, we recommend that the Treasurer pay back to Mr. Strong all fees which he may have paid.

The following resolutions were submitted by Regent Rynd :

*Resolved*, That from and after the present college year the Medical Faculty be and are hereby instructed to require a full course of three college years, on the part of all candidates for graduation, and further that no time certificates be required from preceptors.

*Resolved*, That this rule apply to both Medical Colleges of this University.

*Resolved*, That any deviation from the above rule be referred by the respective Faculties to the Regents for final action.

On motion of Regent Rynd action on the above resolution was deferred till the June meeting of the Board.

The following communication was received and read by Regent Rynd :

ANN ARBOR, MICHIGAN, March 25, 1879.

*To the Honorable Board of Regents, University of Michigan:*

The following named persons having complied with the requirements for graduation in the Dental Department of the University, the Faculty recommend that the degree of Doctor of Dental Surgery be conferred upon them.

David M. Cattell,	Cadiz, O.
William Henry Dorrance,	Jackson.
Frank Oscar Gilbert,	Bay City.
Clark Lowell Gregory,	Albion.
Herbert Frank Harvey,	Cleveland, O.
George Thomas Higgins,	Brooklyn, N. Y.
James Henry Kennicott,	Arlington Heights, Ill.
Edwin Jacob Lilly,	Circleville, O.
Henry Bristol Orr,	Mansfield, O.
Howard Treat Sackett,	Talwadge, O.
Samuel Bartlett Short,	LaGrange, Ind.
E. Frank Sites,	Fort Wayne, Ind.
Frank H. Waldron,	Brimfield, O.
Corydon La Ford Wall,	Cambridge, O.
Frank B. Wells,	Ovid.

Respectfully,

J. TAFT, Dean.

On motion of Regent Rynd the degree of Doctor of Dental Surgery was conferred on the candidates named in the foregoing communication as recommended by the Faculty of the College of Dental Surgery.

On recommendation of Regent Rynd, the honorary degree of Doctor of Dental Surgery was conferred upon John W. Finch of Adrian, Michigan.

The following report of the Committee on Museum, School of Mines and Astronomical Observatory was submitted by Regent S. S. Walker, Chairman :

The Committee on Museum, School of Mines, and Astronomical Observatory would recommend that Mark W. Harrington be and he is hereby appointed Professor of Astronomy and Director of the Observatory at a salary of \$2,200 per annum, to date from October 1, 1879.

At the close of the discussion, and pending a vote on the recommendation of the Committee, the Board went into executive session.

At the close of the executive session, the business of the open session was resumed. The first business in order being a vote on the adoption of the above recommendation relative to the appointment of Mark W. Harrington, an aye and nay vote was taken with the following result :

Ayes—Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

The report of Regent Walker was adopted.

Regent Grant submitted the following resolution which was adopted :

*Resolved*, That the Finance Committee be and are hereby instructed to report at the next June meeting what changes, if any, are necessary in the system of keeping the accounts.

Regent Grant moved that the vote conferring the degree of Doctor of Medicine upon the twenty-three persons named in the communication from the Dean of the Faculty of the College of Homœopathy be reconsidered.

Agreed to.

The following resolutions were presented by Regent Rynd and adopted :

*Resolved*, That the names of "E. N. Cooper" and "A. Lodge," be stricken from the list of candidates for the degree M. D. in the College of Homœopathy.

*Resolved*, That the degree of Doctor of Medicine be and is hereby conferred on the following named candidates, as recommended by the Faculty of the Homœopathic Medical College.

Alvin Byron Allyn,	.	.	.	.	Ann Arbor.
Archibald Herbert Babcock,	.	.	.	.	Jamestown, N. Y.
John Coolidge,	.	.	.	.	Wellsboro, Pa.
Jabez Percy Dake, Jr.,	.	.	.	.	Nashville, Tenn.
John H. DeMay,	.	.	.	.	Saint Johns.
John Wesley Dill,	.	.	.	.	Ladoga, Ind.
Mary Tanner Dill,	.	.	.	.	Ladoga, Ind.
James Henry Enloe,	.	.	.	.	Nashville, Tenn.
Peter Erb,	.	.	.	.	Buffalo, N. Y.
Lottie Elizabeth Fitzgerald,	.	.	.	.	Detroit.
Phebe Ann French,	.	.	.	.	Jackson.
Leonard Edwin Gallup,	.	.	.	.	Marshall.
Oscar Samuel Hartson,	.	.	.	.	Ann Arbor.

Edward Augustus Lodge,	.	.	.	Detroit.
Daniel A. McLachlin,	.	.	.	Aylmer, Ontario.
Charles Osborne Padley,	.	.	.	Muskegon.
Eugene Clarence Story,	.	.	.	Greenville.
Charles Morton Waelder,	.	.	.	Hannibal, Mo.
Aaron Robert Wheeler,	.	.	.	York.
Amos Hiram Winslow,	.	.	.	Ann Arbor.
James Craven Wood,	.	.	.	Monroe.

Regent Cutcheon submitted the following resolution, which was adopted :

*Resolved*, That leave of absence be granted to Dr. A. B. Palmer, of the Medical Department, for the period, of six weeks, to deliver a course of lectures at Bowdoin College.

A communication from the Dean of the Faculty of the College of Dental Surgery concerning some proposed changes in the instruction in that College was read by Regent Rynd, which was referred to the Committee on the Department of Medicine and Surgery, with instructions to report at the June meeting of the Board.

Regent Climie presented the quarterly statement of the Treasurer, which was accepted and laid on the table.

The following resolution was submitted by Regent Grant :

*Resolved*, That the Committee on the General Catalogue be and are hereby authorized to provide for the publication of the same at an expense not exceeding the sum of \$750, and to negotiate a sale of the edition, if desirable.

The vote on the adoption of Regent Grant's resolution was as follows :

Ayes—Regent Grant, Rynd, Climie, Cutcheon, S. S. Walker-Duffield and Maltz.

Nays—None.

The following resolutions were read and submitted by Regent Rynd :

*Resolved*, That Regent Cutcheon for this Board be instructed to vacate the motion for a rehearing in the matter of the decree in the accounting with Dr. S. H. Douglas.

*Resolved*, That our counsel be instructed that it is not the wish of this Board to incur the expense of an appeal to the Supreme Court in the suit of the Regents vs. S. H. Douglas et al., regardless of what our opinions either individually or as a Board may be touching the merits of the

questions involved, as the state of our finances will not warrant further expenditures upon said suit.

*Resolved*, That the Treasurer of the University pay or tender to Dr. Douglas or his counsel, the sum of \$17.46, the amount of the decree rendered in his favor by the Circuit Court for the county of Washtenaw in Chancery.

*Resolved*, That Regent Cutcheon be and is hereby instructed to act for this Board in the taxation of the costs of the suit above referred to, and in such other matters connected with or growing out of the case as may be necessary.

*Resolved*, That the services of counsel being no longer necessary, all counsel be and are hereby discharged.

*Resolved*, That Messrs. Ramsdell and Benedict be and are hereby requested to present to this Board at the June meeting, an itemized statement of all the expenses incurred by them, and of all services performed and that said account for services be rendered by days and dates.

The vote on the adoption of Regent Rynd's resolutions was as follows :

Ayes—Regent Grant, Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Mays—None.

The resolutions were adopted.

Regent Rynd submitted the following preamble and resolution, which were adopted :

WHEREAS, We have been duly informed by a majority of the Homœopathic Faculty that two names have been reported to this Board as having completed all the requirements of graduation, and that said report has been duly signed by the Dean of the Homœopathic Faculty, notwithstanding the fact that these two persons have not complied with the full requirements of this University; therefore,

*Resolved*, That the President of the University be and is hereby instructed to notify the Dean in writing of the facts as reported to this Board, and that he request the said Dean to appear before this Board, or present a full statement of the case in writing at the June meeting.

Regent Climie, Chairman of the Finance Committee, submitted the following resolution :

*Resolved*, That the sum of \$208.60 be and is hereby appropriated for Regents' expenses.

Aye—Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

On motion the Board adjourned.

H. D. BENNETT, Secretary.







## JUNE MEETING.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, June 24, 1879.

The Board of Regents convened in the room of the President at 10½ o'clock A. M.

Present: The President; Regents Rynd, Climie, Cutcheon, S. S. Walker, and Duffield.

The meeting was called to order and opened with devotional exercises by the President.

On motion of Regent Rynd, the minutes of the last meeting were approved as printed.

The President submitted several communications which were referred to the appropriate committees.

A petition signed by the students of the University, asking that rooms for Society purposes be granted them in the contemplated new museum building was received and referred to the Committee on the Museum.

The President stated that a committee from the Faculty of the Department of Literature, Science and the Arts, desired to appear before the Board during its present session for the purpose of setting forth the wants of that Department. Permission was granted and the reception of the Committee by the Board was made the special order for 3 o'clock to-day.

The following communication by permission of the Board, was read by Professor A. B. Palmer, Dean of the Faculty of the Department of Medicine and Surgery:

To the Honorable the Board of Regents:

By direction of the Faculty of the Department of Medicine and Surgery, I have to report that the persons whose names are here given have completed all the requirements for graduation with the degree of Doctor of Medicine, and they are now recommended to you for this degree:

George Preston Allen,	Surry, Maine.
Charlotte Allen,	Ann Arbor.
Mary Ann Armstrong,	Rome, N. Y.
Edgar John Ashmore,	San Jose, Cal.
Francis L. Bardeen,	Onondaga Hill, N. Y.
Joseph Allen Bean,	St. Joseph.
James Marshall Bell,	Springfield, Ill.
Francis Eugene Bortree,	Ledgesdale, Pa.
Mary Lavinia Briggs,	Dryden, N. Y.
John Campbell,	Fingal, Ont.
Lafayette Ziba Coman,	Morrisville, N. Y.
Henry Ellis Combacker,	Somerset, Wis.
Elizabeth J. Corbett,	San Francisco, Cal.
Henry Jacob Cordier,	Celina, O.
John T. Davis,	Ash Grove, Ill.
Helen E. Deane,	Lowell.
Lyman Carroll Dexter,	Newport, N. Y.
Charles Isaac Eberle,	Palmyra, Ont.
Matthew Henry Ellis,	Port Hope, Ont.
Frank Albert Foster,	East Tilton, N. H.
Samuel Degraw Frederick,	Glencoe, Ont.
Pierce J. Fullerton,	Cambridgeboro, Pa.
Daniel Geib,	Detroit.
Wilbur Gillett,	Milford.
Charles D. Goodrich,	Mendon.
Cepha C. Hall,	Adams Centre, N. Y.
Ernest Elbert Hamilton,	Waverly, N. Y.
George William Harris,	Mt. Brydges, Ont.
Albert Benjamin Herrick,	Canton, N. Y.
Willard Holt,	Newport, N. Y.
Luther Holmes Hulburd,	Janesville, Iowa.
Edgar S. Johnson, C. E.,	Quincy, Ill.
Joshua Jones,	Ann Arbor.
Douglas Arad Joy, M. E.,	Marshall.
Patrick Henry Kiefe,	Worcester, Mass.
Michael William Kelly,	Port Huron.
William Henry Keyes,	Bay City.
George William King,	Springfield, Mass.
Emett Haines Kirk,	Genoa, O.
E. Wirt Lamoreaux,	Tecumseh.
Edward Miller Lindley,	Newton, Iowa.
Mina Logue,	Rockford, Ill.

Albert G. P. Manting,	Holland.
Hiram M. Martin,	Morris, Ill.
Julius C. McCormick,	Otisville.
Thomas Hays McDonald,	Seaforth, Ont.
Alexander McLeod,	Marble Mt., N. S.
Sidney Mitchell, Jr.,	Chateaugay, N. Y.
George A. Munshaw,	Zilwaukee.
Virginia C. Murdock,	Zanesville, O.
Albert Rose Nicholson,	Morrisville, N. Y.
Henry Clay Paddock,	Reed City.
James Hugh Paston,	Trenton, Mo.
Lanson Henry Recker,	Franciscoville, Ind.
William Edgar Rowe,	Lawrence.
Mary Adeline Sanford,	Geneva, N. Y.
Ellen Amelia Sherman, B. A.,	National, Iowa.
Mary Slade,	Castile, N. Y.
Alice Martha Stark,	Ypsilanti.
Anna Hall Stewart,	Battle Creek.
George Washington Stockton,	Warrensburg, Mo.
Melvin Watson Taylor,	Adrian.
Thomas Elwood Taylor, B. A.,	Tecumseh.
Franklin Clark Terrill,	Ovid.
Archibald J. Thomson,	Belmont, Ont.
Jennie M. Turner,	Newark, N. Y.
William M. D. Van Velsor,	Humboldt, Iowa.
Carl Von Ruck, B. S.,	Ann Arbor.
Dallas Warren,	Highland Station.
Eber Kinney Watts, B. S.,	Adrian.
Emma Francis Wells,	Peru, Mass.
Bion Wheelan, B. S.,	Hillsdale.
Respectfully submitted,	

A. B. PALMER, Dean.

The following resolution, submitted by Regent Rynd, was unanimously adopted:

*Resolved*, That the degree of Doctor of Medicine be and is hereby conferred on the persons whose names have been officially presented to this Board by the Dean of the Faculty of the Medical Department.

A report from the Dean of the Faculty of the Department of Medicine and Surgery was received, read and referred to the Committee on the Medical Department.

The following communication from the Dean of the Faculty of the School of Pharmacy was read by Regent Rynd:

UNIVERSITY OF MICHIGAN, SCHOOL OF PHARMACY, }  
Ann Arbor, June 21, 1879. }

To the Honorable the Board of Regents:

By direction of the Faculty of the School of Pharmacy, I have to report that the persons whose names are here given have completed all the requirements for graduation with the degree of Pharmaceutical Chemist, and they are now recommended to you for this degree.

Ira Austin Armstrong,	Philip Stanhope Houghton,
James Nelson Ayres,	Paul Christen Jensen,
Royal Frank Bowen,	John Perry Kelley,
Willis G. Campbell, Ph. B.,	Robert Fulton Mull,
William Dennis Church,	Louis Philip Orth,
William Warren Cole,	Daniel Edward Osborne,
Charles Whatefield Coons,	Arthur Sheldon Parker,
Byron Francis Dawson,	Arthur Hubert Vandivert,
John McCoy Eaton,	Allen Levi Walker,
William E. Finley,	Albert Christopher Wehrli, Ph. C.
Channing Thomas Gage,	Frederick Lynn Wilson,
Edwin Peffers Hawley,	Lewis Newton Wood,

Respectfully submitted,

ALBERT B. PRESCOTT, Dean of the Faculty.

Regent Rynd submitted the following resolution, which was adopted:

*Resolved*, That the degree of Pharmaceutical Chemist be and is hereby conferred upon the persons whose names have been duly reported by the Dean of the Faculty.

The report of Dr. William Brodie, of Detroit, and Dr. H. O. Hitchcock, of Kalamazoo, Medical Examiners for the Department of Medicine and Surgery, was read by Regent Rynd, and on his motion was referred to the Committee on the Medical Department.

The annual report of the Librarian was presented by the President, and referred to the Committee on the Library.

The following resolution, submitted by Regent Climie, was adopted:

*Resolved*, That so much of the Act making appropriations for the general and other expenses of the University of Michigan for the years 1879 and 1880 as refers to steam heating apparatus and for building a homœopathic hospital, and also for enlargement of matron's house be referred to the Committee on Buildings and Grounds and the

Finance Committee jointly to report plans and specifications and directions for advertising and letting jobs for such buildings at this meeting of the Board.

Regent Rynd submitted the following resolution, which was adopted on a call vote :

*Resolved*, That Hon. James Shearer be, and is hereby appointed to act with the Committee on Buildings and Grounds, in place of Regent E. C. Walker.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, and Duffield.

A communication from the Professor of Physics was presented by the President, and on motion it was accepted and referred to the Committee on Literary Department.

The annual report of Dr. Alexander C. Maclean, Hospital Physician and Surgeon was received and read by Regent Rynd. The report was temporarily laid on the table, and on motion of Regent Rynd was made the special order at the close of the conference with the Committee from the Literary Department this afternoon.

Regent Cutcheon presented and read a report relating to what had been done in respect to the case of the "Regents vs. Dr. S. H. Douglas," and on such other matters connected with or growing out of the case as might be of interest to the Board.

He also referred to the suits "growing out of the case" which had been commenced in the Circuit Court for the County of Washtenaw by B. F. Granger and P. Bach, assignee of B. F. Granger, to recover counsel fees claimed by said Granger in the Rose-Douglas suit.

The report was accepted and ordered to be placed on file.

Regent Cutcheon presented the following resolution :

*Resolved*, That the bill of T. J. Daniels, stenographer, of \$50 for making copy of the testimony in the Douglas case be and is hereby allowed, and the sum of \$50 be and is hereby appropriated for the payment of the same.

The resolution was adopted by the following vote :

Ayes—Regents, Rynd, Climie, Cutcheon, S. S. Walker, and Duffield. Nays, none.

Regent Cutcheon presented the following resolution:

*Resolved*, That the matter of the suits of Bradley F. Granger vs. The Board of Regents and Philip Bach vs. The Board of Regents, be referred to Secretary H. D. Bennett, with instructions to settle the same, amicably, *provided*, such settlement can be made for a sum not exceeding \$200, including costs, and that in case of such settlement, the sum of \$200 or so much thereof as may be necessary, be and is hereby appropriated for that purpose.

The resolution was adopted by vote as follows:

Ayes—Regents Rynd, Climie, Cutcheon and Duffield.

Nay—Regent S. S. Walker.

Regent Cutcheon submitted the following resolution:

*Resolved*, That the sum of \$86.75 be and is hereby appropriated to pay the bill of E. E. Benedict for services and expenses in settling the testimony in case of Regents vs. Douglas et al.

The resolution was adopted by the following vote:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, and Duffield. Nays, none.

The following communication from the Dean of the Faculty of the Homœopathic Medical College was received and read by Regent Rynd:

UNIVERSITY OF MICHIGAN, }  
June 24, 1879. }

To the President and Board of Regents of the University of Michigan.

GENTLEMEN—The following named persons having complied with all the conditions and requirements for graduation in the Homœopathic Medical College, are hereby recommended for the degree of Doctor of Medicine:

Anna E. P. Eastman, Ann Arbor; Elise Jane Ray, Findlay, Ohio; Elijah N. Cooper, Jackson.

Respectfully submitted,

E. C. FRANKLIN, Dean.

Regent Rynd submitted the following resolution, which was adopted:

*Resolved*, That the Degree of Doctor of Medicine be and hereby is ordered to be conferred upon the persons named in the above communication as recommended by their Faculty.

A communication from the Dean of the Faculty of the Homœopathic Medical College, relative to the time and attend-

ance of Mr. Albert Lodge and Miss E. T. Schreiner upon the lectures given in that college was received, read, and referred to the Committee on the Medical Department.

The following communication from the Dean of the Homœopathic Medical College was read by Regent Rynd, and on his motion it was accepted and ordered to be printed in the the minutes.

To the Honorable Board of Regents of the University of Michigan.

GENTLEMEN—The Faculty of the Homœopathic Medical College have instructed me to present to your honorable Board the following resolution which was unanimously passed at a regular meeting of said Faculty, expressing their views touching the propriety of demanding an attendance of three years on medical lectures in order to entitle a candidate to a degree:

*Resolved*, That in the opinion of the members of the Faculty of the Homœopathic College, the profession, upon whom we depend for support in sending students to our school, is not yet prepared for an extended course of three years, of nine months each, and therefore we would recommend that the present requirements be still adhered to.

E. C. FRANKLIN, Dean.

Regent S. S. Walker read the report of the Librarian and at the conclusion of the reading of the report Regent Cutcheon submitted the following resolution, which was adopted:

*Resolved*, That the Librarian be requested to summarize the statistical portion of his annual report under the direction of the President, and that such summary be printed in the minutes of this meeting of the Board.

On motion of Regent S. S. Walker, the Board took a recess to 3 o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, June 24, 1879. }

The Board reassembled in the room of the President at 3 o'clock P. M.

Present—The President; Regents Rynd, Climie, Cutcheon, S. S. Walker and Duffield.

On motion the Board went into executive session, the special order being the reception and hearing of the reports of the Committee from the Department of Litera-



ture, Science, and the Arts, relative to the condition and needs of that Department. Professor H. S. Frieze, Dean of the Faculty, in behalf of the committee and by request of the Board, read a Memorial from the Faculty, clearly stating the condition and wants of the Department at the present time. On motion of Regent Rynd, the Memorial was referred, together with all accompanying papers to a joint committee of the Board, consisting of the Committee on the Literary Department and the Committee on Finance.

The quarterly statement of the Treasurer, showing the financial condition of the University, was received and read by Regent Climie. and on motion the report was ordered to be placed on file.

There being no further business in executive session, the business of an open session was resumed.

The following report submitted by Regent Rynd, was adopted :

The Committee on Medical Department to whom was referred the communication of Dr. L. Connor, Secretary of "Atlanta Committee on raising the Medical College Fees," have examined the subject and would respectfully report—

1st. The University of Michigan is a State institution, and cannot be either influenced or controlled in its financial affairs by any action which may be taken in the interest of private medical schools.

2d. We deem it unwise to discriminate in our charges against any Department of the University, believing that we must be governed by uniformity in charges, unless for special reasons, which do not exist in the case of the Medical Department.

Your committee therefore recommend that the same schedule of fees be maintained in the medical as in other departments of the University.

C. RYND,  
SAMUEL S. WALKER,  
ANDREW CLIMIE.

The following report from the Dean of the Homœopathic Medical College was received and read by Regent Rynd :

ALBERT LODGE.—This candidate has attended 20-24ths course of lectures in this college during the session of 1877-78, and 36-36ths of a course during the session of 1878-79. With the exception of this shortage of time in attendance on lectures he has fulfilled all the require-

ments entitling him to a diploma, and in view of his fitness and of his having spent three full years in the study of medicine under the instruction of his preceptor, and several years training in a Homœopathic Pharmacy, he is recommended for the degree.

MISS E. T. SCHREINER.—This candidate has attended two full courses of lectures, of nine months each, in this college, and has passed a satisfactory examination in all branches. She has not spent one year in study with a preceptor, as required, but in view of her qualifications it is recommended that she be granted a diploma at the time of the next regular graduation of candidates in the month of June, 1880, provided she gives evidence of having devoted the coming year to the study of medicine.

Respectfully submitted,

E. C. FRANKLIN, Dean.

The following report, submitted by Regent Rynd, was adopted :

The Committee on the Department of Medicine and Surgery to whom was referred the communication of the Dean of Homœopathic Medical College would respectfully report :

1st. The existing rule of this University requires a three years course of study, and not less than two full courses of lectures for the degree of Doctor of Medicine, two years study, including two full courses of lectures, being accepted only in the case of graduates of the college of Pharmacy. We cannot see any reason why we should deviate from this rule in the case of Mr. Lodge, and would therefore, report adversely to the recommendation of the Dean.

2d. In the case of Miss E. T. Schreiner we would recommend favorably on the recommendation of the Dean.

C. RYND,

S. S. WALKER.

Regent Rynd presented the report of the Resident Physician of the Hospital and moved that it be accepted and printed in the minutes.

The motion prevailed, and the report is as follows :

To the Honorable Board of Regents :

GENTLEMEN—The following report is respectfully submitted. The total number of patients treated and prescribed for at the clinic of the Department of Medicine and Surgery, or old School, from October 1, 1878, to June 23d, 1879, has been 701. They have been classified as follows :

Diseases of the eye and ear.....	322
Surgical cases.....	215
Medical cases.....	153
Diseases peculiar to women.....	11

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Total..... 701

Two hundred and sixty-five important operations have been performed, as follows :

On the eye.....	144
Surgical.....	118
Diseases peculiar to women.....	3

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Total..... 265

Many of the surgical operations successfully performed were among the most dangerous and difficult known to surgery, while of the operations on the eye, 31 were for cataract, and of this number 28 were restored to sight, 3 only having failed. A large number of equally delicate operations on the eye were also performed successfully.

Of the 701 cases that appeared at the clinic, 382 remained in the hospital for treatment, and were distributed as follows :

Diseases of the eye and ear.....	177
Surgical cases.....	155
Medical cases.....	44
Diseases peculiar to women.....	6

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Total..... 382

Increase at clinic over last year.....	85
Increase at hospital over last year.....	64

Of the number treated at the hospital 5 have died, 3 were discharged incurable, 6 were discharged much improved. All the others were cured, or are in various stages of recovery.

The number of patients treated in the hospital by the Faculty of the Homeopathic College from October 1st, 1878, to June 23, 1879, has been 7. Of this number 3 left the hospital unimproved, one much improved, and 3 cured.

A. C. MACLEAN, M. D., Resident Physician.

The following report from the Dean of the Homœopathic Medical College was submitted by Regent Rynd, and on his motion it was accepted and ordered to be printed in the minutes.

To the President and the Board of Regents:

GENTLEMEN—The following is in brief the report of cases treated in the medical and surgical department of the Homoeopathic College, and in the hospital allotted to our use during the term 1878-79.

The clinical work was performed on Wednesdays and Saturdays of each week from 10 A. M. to 12½ P. M.

The whole number of medical and surgical patients treated during the course taken collectively amounted to.....	235
Prescriptions prepared in the surgical clinic.....	378
“ “ “ “ medical “ .....	244 622
Total number of operations performed during the term.....	68
Increase of medical and surgical cases over last year.....	193
Surgical cases treated in hospital.....	7
Two returned with different operations.....	2

Four cases cured, two improving and one benefitted.

Very respectfully,

E. C. FRANKLIN, Dean.

The following communication and resolution was submitted by Regent Rynd:

At a meeting of the Faculty of Medicine and Surgery, a resolution was offered by Dr. Frothingham, seconded by Dr. Prescott, and carried without a dissenting voice, that the Faculty recommend an increase to \$800 of the salary of Dr. A. C. Maclean, the Resident Physician and Surgeon of the Hospital.

A. B. PALMER,

Per C. L. FORD.

*Resolved*, That the sum of \$800 per annum be paid to A. C. Maclean, M. D., Resident Physician and Surgeon of the University Hospital the above amount to be paid out of the General Fund, to take effect on and after the 1st day of October next.

On motion the communication was accepted, and the resolution was adopted by the following vote:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker and Duffield. Nays, none.

The following communication from the Secretary of the Faculty of the Department of Literature, Science and the Arts was presented by Regent Duffield:

To the Honorable Board of Regents of the University of Michigan.

GENTLEMEN—The following persons have by a vote of the Faculty of the Department of Literature, Science and the Arts, been recommended for the degree indicated.

**CIVIL ENGINEER.**

Charles Spencer Beadle,	Brayton Daniel King,
Charles Carroll Brown,	Irving Kane Pond.
Charles Sumner Henning,	

**MINING ENGINEER.**

H. Throop Morley,	E. Fred Wood.
John Charles Quintus,	

**BACHELOR OF SCIENCE.**

Richard Turner Chandlee,	James Wilfred McKinley,
Lorenzo John Locy,	Charlotte Maria Smith.

**BACHELOR OF PHILOSOPHY.**

William Livingstone Axford,	Thomas Randolph Edwards,
Erastus Albert Barnes,	Marion Sarah Gerls,
Fred Somers Bell,	Maya Violet Lee,
Michael Henry Brennan,	Mark Norris,
James Padelford Brown,	Charles Gilbert Van Wert.
Oren Dunham,	

**BACHELOR OF ARTS.**

Henry Winfield Ashley,	William Cary Hill,
Maria Lavinia Blood,	Edward Walter Jenney,
Hubert William Brown,	Fred Parker Jordan,
William Foster Bryan,	Frank Day Mead,
James David Callahan,	Newton McMillan,
Carina B. Campbell,	Jesse Fonda Millsbaugh,
John Chase,	Albert Samuel Pettit,
Edmund Adolph Christian,	James Elijah Pilcher,
Frantz Hunt Coe,	Cyrus Augustus Pomeroy,
Chauncey Ferris Cook,	John Ross Russell,
Richard Gay de Puy,	Spencer Ramsey Smith,
Laura Donnan,	Kenneth Russell Smoot,
Fanny Clinton Farrand,	John Hubbard Tweedy, Jr.,
Charles Howard Greathouse,	Lucius Lincoln Van Slyke,
William Albert Greeson,	Elmer Randolph Webster,
Leroy Halsey,	Enoch Clark White,
Frank Dwight Haskell,	George Deming Wright.
George Hempel,	

**MASTER OF ARTS.**

Edward Playfair Anderson,	Anson Peter De Wolf, B. A.,
Hubert William Brown,	William Albert Greeson,
Benjamin Chapman Burt, B. A.,	Leroy Halsey,
William Henry Butts, B. A.,	Jerry Whipple Jenks, B. A.

**MASTER OF SCIENCE.**

Barclay Tennyson Trueblood, B. S.,

**MASTER OF PHILOSOPHY.**

Frederick William Nichols, B. S.

**DOCTOR OF PHILOSOPHY.**

William Taylor Jackson, B. D.

Respectfully submitted, by order of the Faculty.

P. R. B. DE PONT, Secretary.

On motion of Regent Duffield the communication was accepted, and the degrees were ordered to be conferred in accordance with the recommendation of the Literary Department.

Regent S. S. Walker submitted the following report:

The Committee on Museum, School of Mines and Astronomical Observatory, to whom was referred the communication of Prof. J. B. Steere, recommending the payment of \$20 to D. J. Higley for his services in demonstrating in the Zoological Laboratory during his absence in examining museums, would respectfully recommend that the sum of \$20 be paid to D. J. Higley in full of such services.

SAMUEL S. WALKER,

B. M. CUTCHEON,

ANDREW CLIMIE.

The vote on the adoption of the report was as follows:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker and Duffield. Nays, none.

Regent S. S. Walker submitted the following:

UNIVERSITY OF MICHIGAN, }  
Ann Arbor, June 22, 1879. }

Michigan University to D. J. Higley, Dr.

Two weeks demonstrating in Zoological Laboratory during Professor Steere's absence, \$20.

Mr. Higley has performed the services above mentioned in addition to the work for which he is employed by the University.

J. B. STEERE.

Payment of the above bill was ordered by the following vote:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker and Duffield. Nays, none.

The resignation of Dr. Lucius G. North, Clerk of the Faculty of the Department of Medicine and Surgery, was received and on motion it was accepted to take effect July 1, 1879.

The following resolution submitted by Regent Rynd.

*Resolved*, That Dr. G. B. Ayres be and is hereby appointed Clerk of the Faculty of the Medical Department, at a salary of \$200 per annum to begin on the first of October next, in the place of Dr. North resigned.

Ayes—Regent Rynd, Climie, Cutcheon, S. S. Walker and Duffield. Nays, none.

Regent Cutcheon read a communication from Mr. Peter Tuite, late clerk of Washtenaw county, relative to his claim for fees in the case of the University vs. Dr. S. H. Douglas and others, and then submitted the following resolution:

*Resolved*, That the bill of Peter Tuite be referred to the Secretary and the Treasurer of the Board to settle and pay said bill, provided it can be done for not more than \$100,

The resolution was adopted by the following vote:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker and Duffield. Nays, none.

The following communication from Professor C. L. Ford and resolution by Regent Rynd, were received and adopted.

I respectfully ask an appropriation of fifty dollars to be expended in whole or in part, as I may judge best, for preparing illustrations for lectures on anatomy, subject to the approval of the treasurer.

C. L. FORD.

*Resolved*, That the sum of fifty dollars be granted as above requested by Prof. C. L. Ford.

The vote on the adoption of the above resolution was as follows:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker and Duffield. Nays, none.

Regent Cutcheon submitted an itemized statement of the account of fees and expenses of E. E. Benedict, for professional services rendered while employed by the University. He also read and submitted a report from J. G. Ramsdell, late solicitor of the Board, covering the amount charged the University for fees and other expenses during the entire time he had served the Board in the capacity of solicitor. At the conclusion of the reading of the reports he moved that they be accepted, and that the unsettled accounts of J. G. Ramsdell be referred to

the Committee on finance. Regent S. S. Walker moved to amend the motion to refer by ordering the balance claimed by Judge Ramsdell to be paid in full, said balance amounting to \$65.50. As amended the motion of Regent Cutcheon prevailed by the following vote :

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker and Duffield. Nays, none.

Regent Rynd submitted the following resolution, which was adopted :

*Resolved*, That a record of all clinical work performed in connection with the University be kept in books which shall be provided by the Treasurer for such purpose; that name, age, place of residence, nature of disease, etc., be duly entered; that such books shall be open to any medical man for inspection or examination, and that this requirement be exacted from each medical school, and from the Dental College.

The following communication from Prof. S. A. Jones was read by Regent Rynd.

To the Honorable Board of Regents:

GENTLEMEN—Albert Lodge was accepted by me as a matriculate and a candidate for graduation in June, 1879, though entering college late in the term of 1877-78, and on the ground that, as a practical pharmacist, he was entitled to such an allowance in regard to time, as is granted to other pharmacists.

On this account I now respectfully recommend him for the degree of Doctor of Medicine so far as my own chair is concerned.

Very respectfully,

SAM'L A. JONES, M. D., Prof. Mat. Med., etc.

On motion of Regent Rynd the degree of Doctor of Medicine was ordered to be conferred on Albert Lodge of Detroit, in accordance with the recommendation of the Faculty of the Homoeopathic Medical College.

On motion of Regent Cutcheon the Board went into executive session. Having spent some time therein, business in open session was resumed.

The following communication from the Dean of the Faculty of the Department of Law was read by Regent Cutcheon.

DEPARTMENT OF LAW, UNIVERSITY OF MICHIGAN, }  
Ann Arbor, June 24, 1879. }

To the Board of Regents:

The Faculty of Law respectfully recommend that the degree of



Doctor of Laws be conferred on Marshall D. Ewell, a graduate of this Department of ten years standing, author of a valuable work on the Law of Fixtures, and now Professor of Law in the Union College of Law, Chicago.

On behalf of the Faculty,

T. M. COOLEY, Dean.

Regent Cutcheon submitted the following resolution, which was unanimously adopted :

*Resolved*, That the honorary degree of Doctor of Laws be and is hereby conferred upon Prof. Marshall Davis Ewell of Chicago, Illinois, a graduate of the Law Department, class of 1868, and on President Lewis Ransom Fiske, D. D., of Albion, Michigan, a graduate of this University, class of 1850.

On motion the Board took a recess to 8½ o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, June 24, 1879. }

The Board reassembled in the room of the President at 8½ o'clock P. M.

Present: The President; Regents Rynd, Climie, Cutcheon S. S. Walker and Duffield.

The Board went immediately into an informal conference, Regent elect Shearer being present, for the purpose of examining the plans and specifications submitted for the contemplated Museum building, to be erected on the University grounds. At the close of the examination the Board at once resumed the unfinished business of the meeting.

Regent Cutcheon read the following communication from the Dean of the Department of Law, and the accompanying telegram :

ANN ARBOR, June 24, 1879.

REGENT B. M. CUTCHEON—My Dear Sir: I had hoped that my associates in the Law Department would be here to-day for a consultation with you, but it has proved impracticable for them to come.

We think in view of the very large attendance in our Department that we should have two assistants for the coming year, and that we should inaugurate a system of methodical assistance to students in the use of their text-books, and in the practical application of rules of pleading and practice in their courts. You will perceive by the ac-

companying telegram what the views in brief of my associates are. The sum alluded to at its conclusion is \$2000, which could be used without making appointments in the Faculty. We should be pleased to have you associated with us in arranging details of a plan, if you should find it convenient to give us your attention for the purpose at some future day.      Very truly yours,

T. M. COOLEY. .

DETROIT, MICH., June 24, 1879.

To Hon. T. M. Cooley :

We prefer a definite and liberal sum to be used, as we may determine hereafter, better than the adoption by the board of a plan which we might not find to work well. We need as much as the sum you spoke of, and more if possible.

J. V. CAMPBELL.

C. A. KENT.

The following preamble and resolution were presented by Regent Cutcheon for the consideration of the Board :

WHEREAS, The large and increasing attendance upon the Law School demands increased assistance in that school ; and

WHEREAS, The income of that school is largely in excess of its expenses ; and

WHEREAS, The Faculty of said school have requested that the gross sum of \$2000 be appropriated for the purpose of procuring such assistance in said Department ; therefore,

*Resolved*, That the sum of \$2000 or so much thereof as may be necessary be appropriated for the purpose of procuring additional assistance for the Law School, and that the committee on Law Department report to the next meeting of this Board, a plan for such additional work, with names of persons recommended for such assistants.

At the conclusion of the discussion on the resolution, it was adopted by the following vote :

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker and Duffield. Nays, none.

Regent Cutcheon read a “ deed of gift ” of the Beal-Steere collection, so-called, and then submitted the following resolution, which was adopted :

*Resolved*, That the deed of the Beal-Steere collection, and the whole subject of the purchase of said collection, be referred to the Committee on Museum, with instruction to report at this session of the Board.

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On motion the Board adjourned to 10 o'clock A. M. on Wednesday, June 25, 1879.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, June 25, 1879. }

The Board of Regents reconvened in the room of the President at 10 o'clock A. M.

Present—The President ; Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following resolution was presented by Regent S. S. Walker and adopted.

*Resolved*, That the degree of Civil Engineer be conferred upon Orlando B. Wheeler, a graduate of the University of the class of 1862.

The following resolutions of thanks submitted by Regent Rynd, were adopted :

*Resolved*, That the thanks of this Board be and are hereby tendered to Rice A. Beal for his munificent donation of his interest in the Beal-Steere collection, the great value of which we fully recognize and appreciate.

*Resolved*, further, That we recognize the valuable voluntary services performed by Mr. Beal in his labors for the securing of the sum of \$40,000 to be used in the building of a museum.

*Resolved*, That we fully appreciate the intelligent liberality of the late Legislature in making provision for the wants of the University

The following report from the Dean of the Faculty of the Homœopathic Medical College was read by Regent Rynd, and on his motion the report was accepted and ordered printed in the minutes.

UNIVERSITY OF MICHIGAN, June 26, 1879.

To the President and Board of Regents :

GENTLEMEN—On behalf of the Homœopathic Department of the University of Michigan, I herewith transmit a brief report of the work of the college for the Academic year 1878 and 1879.

The session comprises a period of nine months from October 1st to June 26th, during which time with the exception of the usual holiday recess and the March Commencement, the Professor of Surgery has delivered four lectures per week, and held two clinics per weeks averaging 1½ hours each ; the Professor of Theory and Practice has delivered six lectures per week, and held two clinics per week of one

hour each; and the Professor of *Materia Medica* has delivered four lectures per week throughout the course.

The students of this Department also attended throughout the course, the lectures on Anatomy, Obstetrics, Physiology and Chemistry, delivered by the Professors of the Department of Medicine and Surgery.

In addition to the didactic and clinical teaching frequent oral and written examinations were held by the members of the Faculty and their assistants during the evenings, and a quarterly examination was held upon the medical and surgical topics gone over the preceding three months, to test the literary and medical scholarship of the senior class.

The afternoons and evenings were frequently occupied in the Chemical, Microscopical and Anatomical Departments, a large proportion of the students attending the practical courses of these fundamental branches.

The entire number of students in attendance upon the college was 63, 21 of whom graduated at the March Commencement, and 5 are candidates for the degree of Doctor of Medicine at the June Commencement on the 28th inst.

The surgical course was mainly delivered upon the Principles of Surgery under the provisions of the graded course; the operative department being reserved for the succeeding year.

The Therapeutics, (Homoeopathic) of Obstetrics and Gynaecology were imperfectly taught by the Chairs of Surgery and Practice, owing to the large field of study gone over by these two Departments of Medicine. It is to be hoped that at the next session of the Legislature ample provision will be made for a more thorough and scientific teaching in these two important branches of medical education.

The Examining Board of Physicians, appointed by the Honorable the Board of Regents at their June meeting last year, to act in conjunction with the Faculty of this college, to examine the candidates for graduation therein, have performed their duties faithfully and creditably, but it is very questionable whether, under all the circumstances connected with the instruction and examination of our students by those in the Department of Medicine and Surgery who have taught them in the fundamentals of the profession, our students have been benefited by the change inaugurated.

Since the March examination considerable dissatisfaction has arisen among the members of the class, and I fear the consequences of this innovation will be felt in the inharmonious relation of our classes hereafter to their preceptors of the other Department.

In conclusion I will add that quite a large correspondence has been opened up with practitioners of our system in near and distant portions of the States, with whom I have long enjoyed friendly professional and professorial relations, which I trust will increase the future number of our classes and widen the sphere of usefulness of this University and its Homoeopathic Department.

Very respectfully,

E. C. FRANKLIN, Dean.

The following report and recommendation was read at the morning session of the Board by Professor A. B. Palmer, Dean, he being present at the time.

On motion of Regent Rynd the report was accepted and ordered printed in the minutes.

Report of the Department of Medicine and Surgery of the University of Michigan for the session of 1878-9.

To the Honorable the Board of Regents.

The course of instruction in the Department of Medicine and Surgery just brought to a close has been attended by something more than the usual degree of prosperity and success.

Notwithstanding the lengthening of the term to nine months, and the preliminary examination for admittance, the numbers in attendance have been larger than for several years past, and the effects of the longer courses of instruction have been manifested in the higher attainments of the candidates for graduation, and the unparalleled success of the present class in obtaining the approval of the Faculty and the Board of Examiners. This class has been subjected to a severer ordeal in the matter of written examinations than any of their predecessors, and although some of the papers written under the pressure of limited time and without the opportunity of revision, were in respect to their literary qualities, not of as high a character as could be desired, many of them were excellent, considering the embarrassing circumstances under which they were produced, and as a whole they were highly creditable to the industry and intelligence of the class.

Besides the ordinary lectures of the Professors of the College and the instruction given in the Chemical, Anatomical and Physiological Laboratories, valuable instruction by lectures and demonstrations has been given in the lecture rooms to the class at large by Drs. Herdman, Vaughan and Stowell; and very important aid in fixing the facts of the lectures in the minds of the students has been rendered by means of reviews and questions on the various subjects by the Assistants of the different Professors.

In recognition of the important services rendered by the gentle-

men above named, I am instructed by the Faculty, and in their behalf to earnestly request of your honorable body that Dr. Stowell be appointed to the position of *Assistant Professor of Physiology and Histology and Instructor in the Physiological Laboratory*, that Dr. Vaughan be appointed *Assistant Professor of Medical Chemistry and Instructor in the Chemical Laboratory*, and that Dr. Herdman be appointed *Assistant Professor of Surgical and Pathological Anatomy and Demonstrator of Anatomy*.

I am also instructed by the Faculty to request that Professor Langley have an Assistant appointed by the Board, whose services are to be equally divided between the Medical and Literary Departments, thus restoring the Assistant to the rank of his Assistant two years ago.

At recent meetings of our Faculty the following resolutions were unanimously passed:

*Resolved*, That the Honorable Board of Regents be requested to take into consideration the propriety of establishing a School of Veterinary Medicine and Surgery.

*Resolved*, That the Honorable, the Board of Regents be requested to make the course of instruction in the Medical Department of the University of Michigan a three years' graded course, to take effect on and after the session of 1880-81.

*Resolved*, That Dr. Palmer be authorized to state to the Board of Regents the Faculty's choice of Dr. Lyster to occupy his place during his (Dr. Palmer's) absence.

*Resolved*, That the main building of the hospital be raised so as to make an operating room; that Drs. Frothingham and Maclean urge the request to make an appropriation for that purpose.

I am requested by the Professor of Anatomy and Physiology and the Instructor in the Physiological Laboratory to embody in this report, which I most cheerfully do, the following statement respecting that important Department.

The demands of the Physiological Laboratory have exceeded its capacity. The number of microscopes allows of work for only 15 students each afternoon. About 200 medical students and 40 dental students have taken this course during the past year, and considerable numbers were unable to gain admission owing to want of room and the limited number of instruments. It therefore becomes highly desirable that the room be so enlarged and the number of microscopes so increased that all students applying may pursue this important branch of study.

By removing a partition and changing the position of cases the room can be extended without material expense; but to obtain the necessary microscopes for supplying the want, will require money, and

\$300 is asked for to purchase 5 additional microscopes at \$50 each, and for the procuring of needed accessory apparatus, as pipets, magnifiers, microtomes, reagents, bottles, etc.

From one point of view we might be led to regret the necessity of presenting such an array of wants and requests, but from another and more enlarged survey of the situation, we may with more reason rejoice that the growth of the Department of Medicine and Surgery, in the number of students and the demands for more extended instruction and larger acquirements of scientific knowledge, call for these larger facilities, and consequent additional expenditures.

Respectfully submitted,

A. B. PALMER, Dean.

Regent Rynd, Chairman of the Committee on the Department of Medicine and Surgery read the following report :

The Committee on Medical Department to whom was referred the report of the Faculty of the Department of Medicine and Surgery have given all matters therein discussed or recommended careful consideration and would report .

1st. While we favor the project of establishing a school of Veterinary Medicine and Surgery, yet we doubt the propriety of assuming the expense which would be necessary in successfully founding and supporting such a school. We are aware that it could be well maintained at the University at a much cheaper rate than at any other point in the State, but as it appears of the nature of a new foundation, we think it were well to consult the people through the Legislature, on the subject. Besides, the members of the Legislature being largely farmers, are supposed to represent the real demand which exists for the founding of such a chair. We advise that no further action be taken at present.

2d. We are in favor of elevating the standard not only of preliminary requirements, but also of medical education. We think the time has arrived for a long stride in this direction. The educated men of the profession will sustain such a movement. The people will sustain us in giving men every possible facility for healing the sick. The University can afford to do pioneer work in this direction. We therefore recommend that a full three years' course of graded medical instruction be required of all medical graduates in both the Medical Department of the University and also in the Homoeopathic Medical College, and that such provision apply to all students entering either Medical school from and after the first day of October, 1880. It is urgently desired that all reputable medical colleges aid us in protecting people from the ignorance and charlatanism so painfully prevalent

even among many persons who exhibit college diplomas, and through these impose upon the profession and the public. This they can do by extending the term and lengthening the course. The Legislature of this State would set an example, which would be largely copied by other States, should such provision be inserted in all college charters.

3d. We advise that Henry F. Lyster, M. D., of Detroit, Michigan, be appointed Lecturer on the Theory and Practice of Medicine, in the place of Dr. Palmer, during the time of the latter's absence in Europe.

4th. We recommend that an operating room be connected with the existing Hospital, at a cost, including all expense of construction and equipment, not to exceed \$2000. This, we believe, ought not to be longer delayed. The success of the hospital and the interests of humanity alike require such an addition.

5th. We advise the appropriation of \$200 for the purpose of enlarging the room now used for microscopical purposes, and for the purchase of microscopes. We would further recommend that a sum be charged each student engaged in this work which shall maintain the efficiency of this Department, by the purchase of such instruments as may be necessary to replace worn-out and useless ones. We do not think such expense should be chargeable to the University, but should be met in the above manner. The proceeds of such annual payments to be called "a Fund for the purchase of microscopes and other accessory apparatus." The Medical Faculty are hereby required to inaugurate such plan.

6th. We have given attention to the Hospital and believe that not only is the work skillfully and faithfully performed, but also that the matron does her duty, honestly, intelligently, and humanely. The Medical Faculty are hereby requested to look carefully into the existing schedule of charges, together with such other matters relating to the Hospital as may be deemed important, and report to this Board such revision, change, addition to, or modification of existing rules, at the next meeting of the Board as may seem wisest and best.

7th. We are pleased to report the continued success of this Department, and still urge upon the Faculty the importance of maintaining a high standard. Let quality, not quantity, be the rule in the work of the Department.

On conclusion of the reading of the report, Regent Cutcheson moved that an aye and nay vote be taken on the recommendation to appoint a lecturer to supply the place of Dr. A. B. Palmer during his absence, also on the recommendation to



appropriate money for an operating room for the hospital and also for the purchase of microscopes. Carried.

Regent Rynd moved that Henry F. Lyster, M. D., of Detroit, be and hereby is appointed lecturer on the Theory and Practice of Medicine in accordance with the recommendation of the committee.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

On motion of Regent Rynd the sum of \$2000 was appropriated for the construction of an operating room in connection with the existing hospital by the following vote:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

Regent Rynd moved that the sum of \$200 be appropriated for the purpose of enlarging the room now used for microscopical purposes and for the purchase of microscopes. Agreed to by vote as follows:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

Regent Cutcheon moved the adoption of the report as a whole. Agreed to by the following vote:

Ayes—Regent Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

Regent Rynd submitted the following resolutions which were adopted:

*Resolved*, That the Board of Regents hereby express their appreciation of the valuable services performed by the Medical Examiners who have acted with the Faculties during the last year.

*Resolved*, That we are satisfied with the utility of the plan of associating eminent medical men with the Faculties in the work of Medical examinations.

*Resolved*, That in future it shall be deemed desirable to represent various sections of the State in the appointment of Medical Examiners and in our judgment the interests of the work demand that the following arrangement be inaugurated.

1st. One Medical Examiner shall be appointed at the present session of the Board for one year, and one for two years.

2d. After the present year appointments shall be made annually

to serve for two years, and shall only be changed during the term of office for cause.

*Resolved*, That William Brodie, M. D., of Detroit, be appointed a Medical Examiner, in the Medical Department of the University for one year from this date, and A. P. Whelan, M. D., of Hillsdale be appointed for two years from this date.

*Resolved*, That Alfred I. Sawyer, M. D., of Monroe, be appointed a Medical Examiner in the Homoeopathic College for one year from date, and I. N. Eldridge, M. D., of Flint, be appointed for two years from date.

Regent Duffield, of the Joint Committee, to whom were referred the Memorial and accompanying papers presented by the Department of Literature, Science and the Arts, submitted the following report :

The Joint Committee to whom were assigned the Memorial of the Faculty of the Department of Literature, Science and the Arts, and the various schedules from their different Departments, would express their great satisfaction in having the present condition and needs of the institution stated in this particular form, affording as it does, so admirable an opportunity for every member of the Board of Regents to act intelligently in the business that may come before him. We would venture to suggest that it might with great advantage be considered a good precedent for all time to come. We would suggest however, that such Memorial be authenticated and signed.

The Board of Regents are thoroughly at one with the Faculty in their belief that this is *the* Department, and that on whose prosperity, the mental discipline, the scholarship, the literary character, and reputation of the University, must very largely depend. Other Departments, like so many concentric circles, may or may not exist ; they may be more flourishing or less, and the integrity of the institution remain comparatively unimpaired ; but once let the Literary and Scientific Departments, from whatever cause, begin to be outgrown by others and the vital centre receives a shock that will soon be felt through the entire system.

That period, however, we are rejoiced to say, has not yet come. Trying as the times have been and perilous as have been the circumstances in which we have been occasionally placed, our various changes have been but of the wave and not of the rock. The faith of the Board of Regents in the great future of the central Department of the University, has never faltered for a moment, and we are not at all surprised to learn that the actual increase of the students in this Department for 1878-9, was "twenty per cent. over the number of the previous

year." It is a plain and unequivocal testimony to the industry and ability of our corps of Professors and Instructors of which they may well be proud. Most heartily do we congratulate them on their past success and most cordially co-operate with them in the higher work that is still to come.

For the reasons so plainly and unanswerably set forth in the various supplemental reports to the Memorial, and which your Board will no doubt put on file as an important part of the current history of the University your Joint Committee would cordially recommend that the teaching force of this Department be liberally increased, and some changes made that seem to be equally desirable and necessary, both for students and instructors.

GEORGE DUFFIELD,  
GEO. L. MALTZ,  
A. CLIMIE,  
S. S. WALKER.

On motion the report was accepted and ordered printed in the minutes.

The following communication from Professor George S. Morris was read by Regent Duffield.

President J. B. ANGELL—Dear Sir: I have the honor to offer through you to the Honorable Board of Regents of the University my resignation of the position of Professor of Modern Languages and Literature, which I have held for the past nine years, and to request that it be accepted; said resignation to take effect October 1st, 1879.

Very truly yours,  
Ann Arbor, June 23, 1879.

GEO. S. MORRIS.

On motion of Regent Rynd, the Committee on Literary Department were requested to report appropriate resolutions, relating to the withdrawal of Professor Morris from the University. Agreed to.

On motion of Regent Rynd, the Board went into executive session, and after some time spent therein, resumed business in open session.

Regent Cutcheon submitted the following resolution, which was unanimously adopted:

*Resolved*, That this Board has received with deep regret the resignation of Professor George S. Morris, of the Chair of Modern Languages, and that in accepting the same we desire to put on record our very high appreciation of Professor Morris as a gentleman of thorough

scholarship, of refined culture, and varied acquirements, and especially of his valuable services to this University, and that he bears with him to his new field of labor the most cordial wishes of this Board.

The following resolution, submitted by Regent Rynd, was adopted :

*Resolved*, That the title of Preston B. Rose be that of Assistant Professor of Physiological Chemistry and Toxicology, and Lecturer on Renal Diseases.

Regent Rynd submitted the following resolution ,

*Resolved*, That Joseph B. Steere, Ph. D., be and is hereby appointed Professor of Zoology at a salary of \$2,200 per year, from and after the first day of October next.

At the close of the remarks on the resolution an aye and nay vote was called for with the following result :

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regents Cutcheon and S. S. Walker.

The resolution was adopted.

Regent Rynd submitted the following resolution which was adopted :

*Resolved*, That Edward L. Walter, Ph. D., be and is hereby appointed Professor of Modern Languages, at a salary of \$2,200 per annum, to commence on the first day of October next.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following resolution presented by Regent Cutcheon was adopted.

*Resolved*, That Professor Edward L. Walter of the chair of Modern Languages be granted leave of absence to study in Europe until the end of the next ensuing semester, his pay during his absence to cease.

*Resolved*, That Professor George S. Morris be and is hereby invited to occupy the chair of Modern Languages during the absence of Professor Walter, at a salary of \$2,200 per annum *pro rata*.

The vote was as follows:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Regent Maltz submitted the following report, which on motion was accepted and adopted :

Your Committee on Chemical and Pharmaceutical Department and Buildings and Grounds respectfully report that we recommend the following changes in the manner of keeping accounts and dispensing of chemicals in the Laboratory- That the accounts shall be kept in day books to be used alternate days and reported to the Treasurer of the University with the accompanying tickets from the students on each successive day, and that said accountant shall have the entire charge of selling and dispensing all chemicals and material from said Laboratory, and shall prepare and make an inventory in conformity with the present law of the State.

Your Committee also ask that they be allowed to recommend the name of a suitable person for such accountant at the special meeting to be called on or before October 1st, 1879.

Your committee also recommend that the services of Kate Crane Johnson, the present accountant in Chemical Laboratory, and also those of Michael Condon, be dispensed with from and after the first day of October, 1879.

GEO. L. MALTZ,  
C. RYND.

Regent Climie, Chairman of the Finance Committee, presented the following report which was accepted and adopted:

The Finance Committee respectfully report that they have examined the claim of James C. Watson for moneys advanced in the building of the Observatory, and determine the amount due to him at the sum of five hundred and thirty-four and 45-100 dollars; therefore,

*Resolved*, That the sum of five hundred and thirty-four and 45-100 dollars be and is hereby appropriated for the payment of James C. Watson, moneys advanced for building the Observatory and settlement of account in full in accordance with the record. See pages 328 and 368 of proceedings of Board, 1868.

The Committee very seriously doubted the propriety of allowing a bill so long dormant, but under all the circumstances and after a thorough examination of the question deem that the payment of the claim without interest, is all that can be reasonably claimed or expected.

ANDREW CLIMIE,  
SAMUELS. WALKER,  
GEO. L. MALTZ,  
Finance Committee.

Regent Cutcheon submitted the following report which on motion was accepted and adopted:

The Executive Committee to whom was referred the revision of the By-Laws, report that they have substantially completed the work

of collation and compilation, but that it constitutes such a mass of matter in a form difficult to present to the Board, that they respectfully request leave that when they have completed their work they may have proof sheets of such By-Laws that they may present a copy of such proof sheets to each Regent in advance of the October meeting, that members may note such modifications as may appear desirable and dispose of the labor of revision without undue loss of time. They therefore ask the adoption of the following resolution.

*Resolved*, That the Executive Committee have until the October meeting to complete their report upon the revision of the By-Laws, and that they be authorized to have proof-sheets of the proposed revision struck off in advance of the October meeting, and that the same be forwarded to each of the Regents for examination and revision, and that the Committee make their final report thereon at the next October meeting. 1192

The following resolution was presented by Regent Cutcheon and unanimously adopted.

*Resolved*, That the honorary degree of Master of Arts be and is conferred on the Honorable William H. Barnum, of Chicago, formerly of the class of 1861, of this University.

On motion the Board took a recess to 2½ o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, June 25, 1879. }

The Board of Regents reconvened in the room of the President at 2½ o'clock P. M.

Present, a full Board, except Regents Grant and E. C. Walker.  
Regent Climie presented the following report.

To the Board of Regents:

Your Committee to whom was referred the settlement and adjustment of the deed of gift of the Beal-Steere collection, would respectfully report that they have completed an agreement for the final transfer and settlement of said deed of gift by the payment of four thousand dollars to Joseph Beal Steere, for five years service in making said collection, and the payment to the said Steere of the sum of five hundred dollars for money advanced during said time of service, and that said Steere agrees to receive the said sum of four thousand five hundred dollars as in full payment of the sum of five thousand dollars mentioned in said deed of gift, and also to make and execute a bill of said collection upon the payment of said sum; therefore, be it

*Resolved*, That the sum of four thousand five hundred dollars be and is hereby appropriated for the payment above mentioned to Joseph Beal Steere.

B. M. CUTCHEON,  
ANDREW CLIMIE.

At the close of the discussion on the report submitted by Regents Climie and Cutcheon, the report was accepted and adopted by the following vote.

Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.  
Nay—Regent S. S. Walker.

The following is a correct copy of the bill of sale made and executed by Joseph Beal Steere to the Regents of the University of Michigan, conveying to them his entire interest in and to the Beal-Steere collection, so-called, forever :

Know all men by these presents, that I, Joseph B. Steere of the City of Ann Arbor, in the county of Washtenaw, and State of Michigan, of the first part, for and in consideration of the sum of four thousand five hundred dollars, lawful money of the United States, to me paid by the Regents of the University of the State of Michigan, of the second part, the receipt whereof is hereby acknowledged, has bargained and sold, and by these presents does grant, and convey unto the said party of the second part and their successors in office all my right, title and interest in and lien upon the collection now in the University at Ann Arbor, Michigan, and known and denominated "The Beal and Steere Collection." The intent and purpose of this conveyance being to convey to the said Board of Regents and their successors all and all manner of interest and claim that I have in and to said collection, and is made subject to the condition that the collection shall always remain and be known as the "Beal and Steere Collection."

*To have and to hold* the same unto the said party of the second part, and their successors in office, *forever*. And the said party of the first part for his heirs, executors and administrators, does covenant and agree to and with the said party of the second part, and their successors in office, to warrant and defend the sale of said property, goods and chattels hereby made, unto the said party of the second part and their successors in office, against all and every person or persons whatsoever.

In witness whereof I have hereto set my hand and seal this 24th day of June, one thousand eight hundred and seventy-nine.

J. B. STEERE. [L. s.]

Signed, sealed and delivered in the presence of Samuel F. Cook, I. N. Eldridge.

Regent S. S. Walker submitted the following report relative to the purchase of the Beal-Steere Collection, and asked that it be spread upon the minutes. On motion of Regent Rynd permission was granted.

The undersigned, a member of the Committee to whom was referred the matter of the communication regarding the Beal-Steere Collection would respectfully beg leave to dissent from the report of the majority of the Committee in that he does not believe the University should purchase the collection named with conditions attached. The payment to Prof. Steere of an equitable sum for his interest in the collection and by so doing a final settlement of the matter without conditions would meet my hearty approval.

June 25, 1879.

S. S. WALKER.

Regent Maltz, chairman of the Committee on Buildings and Grounds, stated that in accordance with the desire of the committee, Mr. Gordon W. Lloyd of Detroit was present by invitation, and was prepared to submit plans and explain the feasibility of heating the University buildings from one central boiler house. He asked that Mr. Lloyd be accorded the privilege of appearing before the Board for the purpose of making such explanation as he in his judgment thought best, and the Board might desire.

On motion of Regent Rynd permission was granted. At the close of the conference with Mr. Lloyd the Board took a recess to 7½ o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, June 25, 1879. }

The Board of Regents reassembled in the room of the President at 7½ o'clock P. M.

Present, a full Board except Regents Grant and E. C. Walker.

The following resolution was submitted by Regent Rynd, and adopted :

*Resolved*, That Charles H. Stowell, M. D., be and is hereby appointed Lecturer of Physiology and Histology at a salary of \$1200 per annum, from and after the first day of October next.



Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.  
Not present, Regent S. S. Walker.

Regent Rynd presented the following resolution, which was adopted:

*Resolved*, That Victor C. Vaughan, Ph. D., M. D., be and is hereby appointed Lecturer on Medical Chemistry and Assistant in the Chemical Laboratory at a salary of \$1200 per annum from and after the first day of October next.

Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.  
Absent—Regent S. S. Walker.

Regent Rynd submitted the following resolution, which was adopted:

*Resolved*, That William J. Herdman, A. M., M. D., be and is hereby continued as Demonstrator of Anatomy, and that he be appointed Lecturer on Pathological Anatomy at a salary for all services, of \$1600 per annum from and after the 1st day of October next.

Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.  
Not present, Regent S. S. Walker.

Regent Maltz submitted the following resolution, which was adopted:

*Resolved*, That the plans submitted by G. W. Lloyd, Architect, for steam heating and central boiler house be adopted, and that he be instructed by the Committee to complete the plans and make the necessary changes, as requested by the Board, as soon as possible.

Ayes—Regent Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following communication and resolution were read and submitted by Regent Rynd.

UNIVERSITY OF MICHIGAN, }  
June 25, 1879. }

Regent C. Rynd, Chairman Medical Committee,

I have the honor to request you to appoint Peter Erb, M. D., to the position of Assistant to the Chair of Theory and Practice in the Homoeopathic Medical College.

Respectfully,

CHAS. GATCHELL.

*Resolved*, That the request of Prof. Gatchell be and is hereby concurred in by the Board of Regents.

The resolution of Regent Rynd was adopted.

Regent Maltz, Chairman of the Committee on Buildings and Grounds submitted the following report, which was accepted and adopted:

Your Committee to whom was referred the matter of procuring a design for the proposed Museum building were of the opinion that the only proper mode of proceeding to this duty was to advertise for competitive designs from architects. In accordance with this view, they advertised in the Detroit Post and Tribune and the Detroit Free Press for designs to be placed in the hands of H. D. Bennett, Secretary, and to be received to 12 o'clock noon of the 23d of June at the office of the Secretary at the University. On the day set five designs were offered, of which two approach the nearest to the requirements of your Committee; and of the two referred to that under the motto of "Norman Romanesque," was deemed the superior, and as embracing more of the requisites of a Museum building for your uses. But it was found that the architect's estimate of the cost of erection was \$8000 in excess of the amount given to the architects as a limit of cost, and after some examination and partial estimating by your Committee, they became convinced that the cost of executing this design would be considerably in excess of the architect's estimate. They are therefore, and with great reluctance, obliged to recommend the rejection of all of the designs submitted.

J. B. ANGELL,  
GEO. L. MALTZ,  
J. B. STEERE,  
JAS. SHEARER,  
Committee.

Regent Climie submitted the following resolution which was adopted:

*Resolved*, That the Treasurer is hereby directed to pay from the General Fund the bills of G. J. Pease and F. Sorg for labor and material furnish by order of James C. Watson for building addition to Observatory.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

Regent Climie presented the bill of C. H. Morley, M. D., Medical Examiner in the Homœopathic Medical College, for expenses incurred in visiting Ann Arbor, amounting to \$16.40. On motion the bill was laid on the table.

The following resolutions, submitted by Regent Cutcheon, were accepted and adopted:

*Resolved*, That the President be requested to invite Governor Crosswell to meet with the Board at the adjourned meeting for the purpose of approving plans and specifications for Museum Building.

*Resolved*, That, when this Board adjourn, it adjourn to meet on the 24th day of July, 1879, at 7½ o'clock P. M.

Regent Maltz submitted the following report and resolution:

The Literary Committee desire to report as follows:

WHEREAS, The Science of Geology is so intimately connected with the material interests of the State of Michigan, and the development of its mineral and other resources; and,

WHEREAS, Geology is the crown of all the Natural Sciences, and must not be neglected in a course of liberal education; and,

WHEREAS, It is fully expected by the people in the Northern part of the State that an efficient Geologist will be at once appointed; therefore,

*Resolved*, That Professor Alexander Winchell, LL. D., be and is hereby appointed to the Chair of Geology and Paleontology in this University, at a salary of \$2200 per year, salary to commence on the first of October, 1879.

GEORGE DUFFIELD,

GEO. L. MALTZ,

Literary Committee.

On motion the report was accepted and the resolution adopted by the following vote:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

Regent S. S. Walker submitted the following resolutions:

*Resolved*, That Professor W. H. Pettee be and is hereby appointed Professor of Mineralogy and Economic Geology at a salary of \$2200, to commence October first, 1879.

*Resolved*, That Professor W. H. Pettee be granted a leave of absence till the beginning of second semester, without pay, to take part in the geological survey of California.

The resolutions were adopted by the following vote:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

The following resolutions were submitted by Regent Cutcheon, and adopted:

*Resolved*, That in accordance with the recommendation of the Faculty of the Department of Literature, Science and the Arts, a chair of

the "Science and the Art of Teaching," be and is hereby established in the University.

*Resolved*, That William H. Payne, A. M., be and hereby is appointed Professor of the Science and the Art of Teaching at a salary of \$2200 per annum, to take effect from October 1, 1879.

The vote on the adoption of Regent Cutcheon's resolution was as follows :

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

Regent Cutcheon presented the following resolution :

*Resolved*, That Elisha Jones, A. M., be and is hereby appointed Assistant Professor of Latin, with a salary of \$1600 per annum from October 1, 1879.

Adopted by the following vote :

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

The following resolution, submitted by Regent Rynd, was adopted :

*Resolved*, That Reverend Richard Hudson, A. M., be appointed Assistant Professor of History at a salary of \$1600 per annum from and after the first day of October next.

The vote on the adoption of the above resolution was as follows :

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays. none.

Regent Cutcheon submitted the following resolution :

*Resolved*, That Instructor Volney M. Spalding be and is hereby appointed Assistant Professor of Botany at a salary of \$1600 per annum, to commence October 1, 1879.

The resolution was adopted by vote as follows :

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

The following resolution was presented by Regent Cutcheon:

*Resolved*, That the salary of Assistant Professor Charles N. Jones be fixed at \$1600 per annum from and after October 1, 1879.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays none.

The following resolution submitted by Regent Rynd was adopted:

*Resolved*, That Isaac N. Demmon, M. A., be assigned to duty as Assistant Professor of Rhetoric and Old English at his present salary.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Regent Cutcheon presented the following resolution:

*Resolved*, That Alfred Hennequin, M. A., be recalled to duty as Instructor in the Department of Modern Languages at a salary of \$900 per annum, to commence October 1, 1879.

The vote on the adoption of the above resolution was as follows:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, None.

The following resolution was submitted by Regent Cutcheon and adopted:

*Resolved*, That Douglas A. Joy, M. E., be and is hereby appointed Assistant in General Chemistry at an annual salary of \$750 to commence from October 1, 1879.

The vote on the adoption of the above resolution was as follows:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

Regent Maltz read the following communication:

UNIVERSITY OF MICHIGAN, }  
Ann Arbor, June 25, 1879. }

To the Committee of the Chemical Laboratory, Board of Regents:

We respectfully recommend the purchase of 12 microscopes, suitable for students' use, for the work under the instruction of Assistant Professor P. B. Rose, to be paid from the receipts from students for chemicals and apparatus in the Chemical Laboratory, and to be obtained for use at the opening of the next collegiate year.

ALBERT B. PRESCOTT, Prof. of Applied Chemistry.  
P. B. ROSE.

On motion the communication was referred to the Committee on the Chemical Laboratory, with instructions to report at the next meeting of the Board.

The following communication was read by Regent Rynd:

I respectfully ask an appropriation by the Honorable Board of Regents of one hundred and twenty-five dollars (\$125) for the purchase of an Obstetrical Manikin, as an aid in teaching Obstetrics where, from our position, we are unable to have clinics.

E. S. DUNSTER.

The application has the cordial approval of the Medical Faculty.

C. L. FORD.

Regent Rynd submitted the following resolution:

*Resolved*, That the sum of \$125, or so much thereof as may be necessary, be and is hereby appropriated for the purchase of an Obstetrical Manikin, said sum to be expended under the direction of the Treasurer.

The vote on the adoption of the resolution was as follows:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

A communication from Mr. J. W. Knight was read by Regent Climie. On motion of Regent S. S. Walker, it was laid on the table, and Mr. Knight was requested to furnish the Board a duplicate copy of his bill for services rendered as Deputy Treasurer of the University.

The following resolution submitted by Regent Maltz was adopted:

*Resolved*, That Professor W. L. B. Jenney be employed to draw plans for the proposed Museum Building, to be submitted at the next meeting of the Board.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

Regent S. S. Walker submitted the following resolution, which was adopted:

*Resolved*, That the sum of \$250, or so much thereof as may be necessary, be appropriated for the purchase of Mineralogical Specimens the same to be expended under the direction of Professor Pettee and the Treasurer.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

The following paper was read by Regent Duffield, and then submitted for the consideration of the Board.

The Literary Committee recommend an appropriation of five hun-

dred dollars be made to the Department of Physics for the purchase of apparatus, and that the same be expended under the direction of the President and Treasurer.

GEORGE DUFFIELD,

GEO. L. MALTZ,

Committee.

Agreed to by vote as follows :

Ayes—Regent Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

The following resolution presented by Regent S. S. Walker, was adopted :

*Resolved*, That the communication of Mr. J. W. Knight, referring to a previous communication be respectfully received, and that as the original communication has been misplaced he be requested to duplicate it, and that the whole matter be laid on the table till the next regular meeting.

A communication from Mr. W. R. McPherson, Architect, was received and read by Regent S. S. Walker. No action.

On motion of Regent Rynd, Dr. Jonathan Taft, Dean of the Faculty of the College of Dental Surgery, appeared before the Board, and briefly stated the condition and needs of that Department. On conclusion of his remarks Regent Rynd presented the following resolution, and moved its adoption :

*Resolved*, That Wm. H. Dorrance, D. D. S., be and is hereby appointed an Assistant in Mechanical Dentistry at a salary of \$800 per annum, from and after the first day of October next, said sum to be paid from the Dental Fund.

The resolution was adopted by the following vote:

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

In accordance with the resolution of Regent Cutcheon, the Librarian has furnished the following summary of statistics relative to the General Library, to be printed in the minutes by order of the Board.

LIBRARIAN'S REPORT, 1878-79.

UNIVERSITY OF MICHIGAN, GENERAL LIBRARY, }  
Ann Arbor, July 26, 1879.

SUMMARY OF STATISTICS.

Disbursements—

For books.....	\$1838 00
For periodicals.....	516 51
For binding and repairs.....	273 39
For miscellaneous orders by Librarian.....	54 22
	<hr/>
	\$2682 12

Accessions—

By purchase.....	946	volumes and 29 pamphlets.
By presentation.....	514	" " 178 "
By binding periodicals.....	204	"
	1,664	" 207 "

Whole number of books belonging to the Library, 27,463.

These are distributed as follows :

In the General Library.....	26,095	volumes.
At the Observatory.....	400	"
Chemical Laboratory.....	308	"
Museum.....	496	"
Dental College.....	164	"
	27,463	"

No. of pamphlets arranged and catalogued.....	7,678
No. periodicals, European and American, on subscription list...	101
No. of Magazines and newspapers furnished by the Students	
Lecture Association for the tables of the reading room.....	60
No. of volumes repaired.....	147
Total No. of books used by readers during the year of which a record could be kept.....	62,564

Character of the books read—

History, 20%; English literature, exclusive of poetry and prose fiction, 11½%; Medicine, 6%; Greek and Roman Classics, 5%; Chemistry and Physics, 3½%; French, German and other languages of the Continent of Europe, 3%; Prose Fiction, 3%; Poetry, 3½%; Art, 3%; Political Economy and Science of Government, 3%; Civil and Mining Engineering, 2%; Biography, 2%; Mental and Moral Philosophy, 2%; Geology and Natural History, 2%; Astronomy and Mathematics, 1½%; Bound Periodicals, 20%. The remaining 9% unclassified.

RAYMOND C. DAVIS, Librarian.

The following resolution was adopted.

*Resolved*, That a sum not exceeding \$100 be and hereby is appropriated for the purpose of making such alterations and repairs in the room in the Chemical Laboratory, to be occupied by Professor J. W. Langley, as the case may require.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz. Nays, none.

Regent Climie submitted the following resolution :

*Resolved*, That the sum of \$182.41 be and hereby is appropriated for Regents' expenses.

Ayes—Regents Rynd, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

On motion the Board adjourned to the 24th day of July, 1879, at 7½ o'clock P. M.

H. D. BENNETT, Secretary.





## SPECIAL MEETING.

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UNIVERSITY OF MICHIGAN, }  
Ann Arbor, Thursday, July 24, 1879. }

The Board of Regents assembled in the room of the President, pursuant to adjournment at 7½ o'clock P. M.

Present—The President; Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker, and Maltz.

The meeting was called to order, and on motion of Regent Rynd, the minutes of the last meeting, as printed were amended by inserting the words "sale of" at the end of the last line but one on page 383, and then were approved.

The President announced that several tenders for the construction of steam heating apparatus, also for the construction of a central boiler house, had been received and were held by the Secretary subject to the call of the Board.

On motion of Regent Rynd, the Secretary was directed to open the tenders, above mentioned, and place them in the hands of Regent Maltz, Chairman of the Committee on Buildings and Grounds, without reading.

Pending the examination of the proposals, his Excellency, the Governor of Michigan, Charles M. Croswell, being present, was requested to state his views relative to the construction of the fire-proof building for a museum, and also touching such other matters as in his judgment would be of interest to the Board.

At the conclusion of the remarks of the Governor, Regent Maltz and Regent-elect Shearer submitted the following report. Gentlemen of the Board of Regents:

We have the honor to submit the following report: There have been received for the construction of steam heating works four proposals, and they are from the following persons, and for the amounts named:

From A. Harvey & Son, Detroit, material and labor.....\$10,613 73  
From Tudor & Co., Boston, Mass., for material and labor..... 11,626 00  
From Holmes & Webster, Detroit, material and labor..... 12,262 00  
From Detroit Metal and Plumbing Company..... 9,906 00

For the construction of the Central Boiler House and Privy and Vault three tenders were received as follows :

From Dean Brothers, Detroit.....\$5,149 00  
From Dow & Gardner, Ann Arbor..... 5,687 39  
From J. A. Moross, Detroit..... 5,215 00

The following are the proposal and telegram of the Detroit Metal and Plumbing Works of Detroit.

OFFICE OF DETROIT METAL AND PLUMBING WORKS, }  
Detroit, July 22, 1879.

H. D. Bennett, Secretary Board of Regents, State University.

SIR—We propose to do the steam heating job, called for and covered by plans and specifications furnished by G. W. Lloyd, Architect of this city, to be done on University Grounds, Ann Arbor, as follows:

Furnish material and labor required in Hospital.....\$1,274 00  
Furnish material and labor required in North Wing..... 916 00  
Furnish material and labor required in South Wing..... 1,127 00  
Furnish material and labor required in Boiler House..... 4,456 00  
Furnish material and labor required on the Grounds..... 2,133 00

\$9,906 00

We are pleased to give the names of the following gentlemen as reference: Hon. John S. Newberry, Ex-Gov. H. P. Baldwin, Ex-Gov. John J. Bagley, James McMillan, Esq.

Respectfully submitted,

JOHN B. DYAR, Manager,  
Detroit Metal and Plumbing Works.

[Telegram.]

DETROIT, MICHIGAN, July 24, 1879.

H. D. Bennett, Secretary Board of Regents:

We wish to reduce the proposal we sent you yesterday for the steam heating job on University grounds, three hundred dollars. Please present this to the Board in connection with our proposal.

J. B. DYAR,

Manager Detroit Metal and Plumbing Works.

Respectfully submitted,

GEO. L. MALTZ,  
JAS. SHEARER.

Regent Rynd submitted the following resolution :

*Resolved*, That the bid of the Detroit Metal and Plumbing Works for the construction of steam heating apparatus, according to plans and

specifications furnished by Architect Lloyd, amounting to \$9,606.00 be and is hereby accepted, and that the Committee on Buildings and Grounds with the President, be and are hereby instructed, provided such contract be made :

1. To require a good and sufficient bond of \$10,000 for the proper and faithful performance of the work on the terms of the agreement which shall be made by the Committee.

2. The Committee shall have the power to make an arrangement with the above or other parties, as they may deem most advantageous for the performance of all schedule work which they may determine to have done.

3. The Committee, in case of their inability to make a suitable contract with the above company, are hereby authorized to enter into a contract with the next lowest responsible bidder, who will conform to the conditions required by the Committee.

4. That the committee be further instructed to retain in the treasury of the University, the sum of 15 per cent. of the contract price, until the completion and acceptance of the work.

The vote on the adoption of the resolution submitted by Regent Rynd was as follows :

Ayes—Regents Rynd, Grant, Climie, Cutcheon, S. S. Walker, and Maltz. Nays, none.

The following is a copy of the tender for the construction of the Central Boiler House, Privy and Vault :

DETROIT, July 22, 1879.

To the Board of Regents of Ann Arbor University.

GENTLEMEN—We will build your Boiler House and Stack according to plans and specifications drawn by Messrs. Lloyd & Pearce, Architects, and furnish all materials for the sum of forty-three hundred and sixty-nine dollars (\$4369).

Respectfully yours,

DEAN BROS.

We will build Vault and Privy building for the sum of seven hundred and eighty dollars (\$780).

DEAN BROS.,

76 Howard street, Detroit, Michigan.

The following resolutions, submitted by Regent Cutcheon, were adopted .

*Resolved*, That the bid of Dean Brothers, of Detroit, to build the Boiler House and Smoke Stack for the University, according to the plans and specifications be and is hereby accepted.

*Resolved*, That the Committee upon Buildings and Grounds be authorized and instructed to conclude the formal contract with said Dean Brothers, in accordance with said bid for \$4369.

*Resolved*, That the bid of Dean Brothers, of Detroit, to build the Privy and Vaults for the University, be and the same is hereby accepted, and that the Committee on Buildings and Grounds be instructed to enter into the formal contract with them for the same at \$780.

*Resolved*, That in entering into said contract the said Committee require of said contractors a bond for the faithful performance of the said contracts of not less than \$6,000, and that they make provision for the reservation of 15 per cent. of the contract price, until the completion and acceptance of the contract.

*Resolved*, That should the said Dean brothers for any reason fail to perfect their contract as herein indicated, then the said Committee on Buildings and Grounds be and are hereby instructed to enter into a contract upon the foregoing conditions with the next lowest responsible bidder.

The vote on the adoption of the above resolution was as follows :

Ayes—Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker, and Maltz.

The following resolution was submitted by Regent Climie :

WHEREAS, from a thorough examination of the University Hall, certain changes are deemed necessary in the roof of said building, therefore,

*Resolved*, That Steward Bennett is hereby directed to remove from the roof of the two wings the balustrade commencing at the main hall, running to and cutting on a line with the pediment on each of said wings ; also to remove the two circular corner turrets and the two turrets at the base of the dome, and finish said corners and said sides in conformity with the style of said dome ; and also to remove the slate roofing and cover with tin or iron shingles, and cause the wood work to be painted in a good and sufficient manner.

Adopted by the following vote :

Ayes—Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker, and Maltz. Nays, none.

The following resolutions were submitted by Regent Rynd :

*Resolved*, That the Committee on Buildings and Grounds, with the President, be and hereby are instructed to advertise through the col-

umns of the Detroit Post and Tribune and the Detroit Free Press and the Evening News in three successive issues for bids for the construction of a Homœopathic Hospital and Amphitheatre in accordance with plans and specifications furnished by Prof. Jenney.

*Resolved*, That the Committee conclude a contract with the lowest responsible bidder, conditioned upon similar stipulations, touching the retaining of 15 per cent., etc., as have been already ordered in regard to the steam heating apparatus.

*Resolved*, That in the event of the Committee being unable to make a good and sufficient contract within the appropriation made by the Legislature, the plans now submitted be so modified by the Committee as to come within such appropriation.

The resolution was adopted by the following vote, viz:

Ayes—Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker, and Maltz. Nays, none.

Regent Rynd submitted the following resolutions which were adopted:

*Resolved*, That the Committee on Buildings and Grounds, with the President, be instructed to enter into a contract for the construction of an Amphitheatre in connection with the now existing hospital, subject to the same conditions as above, at a total cost not to exceed two thousand dollars.

*Resolved*, That the same Committee be instructed to enter into a contract for the building of a dining room and a kitchen, in connection with the matron's house at a cost of not more than \$1000, subject to the conditions as above.

*Resolved*, That the Committee be empowered to modify or cut down the plans presented by Prof. Jenney, should it become necessary in order to keep within the appropriation.

*Resolved*, That the Committee be empowered to take any further action—not specially mentioned above—which they may deem necessary in order to protect the interests of the University.

The vote on the adoption of the above resolution was as follows:

Ayes—Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker and Maltz. Nays, none.

On motion of Regent Cutcheon the Board adjourned to 8 o'clock A. M. to-morrow.

UNIVERSITY OF MICHIGAN, }  
Friday, July 25, 1879. }

The Board of Regents reconvened in the room of the President at 8 o'clock A. M.

Present—The President; Regents Grant, Climie, Cutcheon, S. S. Walker, and Maltz. Absent, Regent Rynd.

On motion of Regent Grant the Board went immediately into executive session. At the conclusion of business in the executive session, the unfinished business of an open session was resumed.

Regent Climie submitted the following resolution which was adopted :

*Resolved*, That the sum of thirty and 50-100ths dollars be and is hereby appropriated to pay Hon. James Shearer, Regent-elect, for expenses incurred while on special Building Committee.

Ayes—Regents Grant, Climie, Cutcheon, S. S. Walker and Climie. Nays, none.

Regent S. S. Walker submitted the following resolution, and moved its adoption :

*Resolved*, That the Treasurer be directed to liquidate the bill of the Post and Tribune Company for the printing of 5000 copies of the President's Commencement Address, on such terms as may be deemed equitable.

Ayes—Regents Grant, Climie, Cutcheon, S. S. Walker, and Maltz. Nays, none. The resolution was adopted.

The following communication from Hon. T. M. Cooley, Dean of the Faculty of the Department of Law, was received and read by Regent Cutcheon :

ANN ARBOR, July 24, 1879.

Hon. B. M. Cutcheon, Chairman of Committee on Law Department.

DEAR SIR—In a consultation of the members of the Faculty of Law, after full consideration, it was decided to request the Regents to appoint Hon. Alpheus Felch to do the work in that Department for which provision was made at the last meeting of the Board. The considerations moving to his appointment were his well-known learning, ability and readiness, and his residence here, so that he could at all times be accessible. He would be expected to devote to instruction the time that would have been given by two, had two been

appointed, and should have the same salary with the other Professors.

Very respectfully yours,

T. M. COOLEY.

On motion of Regent Maltz the communication was accepted and ordered to be printed in the minutes.

Regent Maltz submitted the following resolution:

*Resolved*, That the Finance Committee be requested to act with the Committee on Buildings and Grounds and proposed Museum Building.

Agreed to.

The President stated that it was desirable that a slight change be made in the title of Assistant Professor I. N. Demon, and suggested the following as the title: "Assistant Professor of Rhetoric and Anglo Saxon."

On motion of Regent Grant the change was made.

The following resolution was submitted by Regent S. S. Walker, and adopted:

*Resolved*, That the salary of Dr. H. F. Lyster as Lecturer during the absence of Dr. Palmer be placed at \$2,200 per annum.

Ayes—Regents Grant, Climie, Cutcheon, S. S. Walker and Maltz. Nays, none.

Regent Cutcheon submitted the following resolution, which was adopted.

*Resolved*, That a new Professorship, to be known as the Tappan Professorship, be and is hereby established in the Department of Law; and that the Hon. Alpheus Felch be and is hereby appointed to said Professorship, with salary of \$1500 per annum.

The vote on the adoption of the resolution was as follows:

Ayes—Regents Grant, Climie, Cutcheon, S. S. Walker, and Maltz. Nays, none.

Regent S. S. Walker submitted the following resolution:

*Resolved*, That the salary of Raymond C. Davis, as Librarian, be and is hereby fixed at the rate of fifteen hundred dollars per annum to date from October 1, 1879.

The vote on the adoption of the resolution was as follows:

Ayes—Regents Grant, Climie, Cutcheon, S. S. Walker and Maltz. Nays, none.



Regent Climie submitted the following resolution, which was adopted :

*Resolved*, That P. R. B. DePont, Secretary of the Faculty of the Literary Department be paid four hundred dollars per year for services as such Secretary from and after October 1, 1879, next.

Ayes—Regents Grant, Climie, Cutcheon, S. S. Walker and Maltz. Nays, none.

Regent Grant submitted the following resolution which was adopted :

*Resolved*, That the Committee on Buildings and Grounds and the Finance Committee be authorized to employ suitable Superintendents of the buildings to be erected this summer.

Ayes—Regents Grant, Climie, Cutcheon, S. S. Walker and Maltz. Nays, none.

Regent Maltz submitted the following resolution which was adopted :

*Resolved*, That a sum not exceeding four hundred dollars be and is hereby appropriated for the purchase of microscopes for students' use in the Chemical Laboratory.

Ayes—Regents Grant, Climie, Cutcheon, S. S. Walker and Maltz. Nays, none.

Regent Rynd who had been absent during the morning session, appeared and took his seat.

At the close of an informal discussion of the plan submitted by Prof. W. L. B. Jenney, for the contemplated Museum Building, Regent Rynd submitted the following resolutions.

*Resolved*, That the plan and specifications prepared by Professor Jenney for the construction of a Museum be and are hereby adopted, subject to such modifications as may be made by the Committee.

*Resolved*, That the said Committee on Buildings and Grounds, with the President and Finance Committee be and are hereby instructed to advertise in three successive issues of the Detroit Post and Tribune Detroit Free Press, and the Evening News, for bids for the erection of such Museum Building, on the basis of the plan and specifications adopted, or as may be modified by the Committee.

*Resolved*, That the Committee be instructed to let the work of such construction to the lowest responsible bidder, provided that the amount shall not exceed the sum contemplated by this Board, for such

purpose, and that said Committee be instructed and empowered to make a contract, obligatory on this Board, and to receive bonds from such contractor in the sum of \$50,000, and further that the Committee have power to reject any or all bids.

*Resolved*, That the Committee be empowered to make such other arrangements not provided for above, as they may deem necessary, in the interests of the University, including the fixing of location of said building.

The vote on the adoption of the resolutions submitted by Regent Rynd was as follows:

Ayes—Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker and Maltz. Nays, none.

Regent Maltz stated that he held in his hand a communication from the Dean of the Faculty of the School of Pharmacy, and in case it could not receive immediate attention he desired that it be referred to the Committee on Chemical Laboratory. Agreed to.

Regent Climie submitted the following resolution which was adopted.

*Resolved*, That the sum of \$166.30 be and hereby is appropriated for Regents' expenses.

Ayes—Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker and Maltz. Nays, none.

The following resolutions were submitted by Regent Cutcheon:

*Resolved*, That the Governor of the State be and is hereby requested to direct the Attorney General of the State to appear in behalf of this Board in the Supreme Court upon the appeal in the case of the Board of Regents vs. Silas H. Douglas et al.

*Resolved*, That the Executive Committee be authorized to employ such assistance for the Attorney General as they may consider desirable and necessary.

*Resolved*, That in case of the refusal or inability of the Attorney General to act in the aforesaid case, the Executive Committee be authorized to employ such counsel as is necessary to protect the interests of the University.

The resolutions were adopted by the following vote:

Ayes—Regents Grant, Rynd, Climie, Cutcheon, S. S. Walker and Maltz.

The following resolution, submitted by Regent Grant, was unanimously adopted:

*Resolved*, That this Board desires to interpose no obstacle for the purpose of preventing either party to the suit brought by the Board of Regents vs. Silas H. Douglas and Preston B. Rose from perfecting his appeal to the Supreme Court.

The original Commission, signed by General Lewis Cass, then Governor of the Territory of Michigan, dated March 3, 1831, appointing the late Hon. James Kingsley, "A Trustee of the University of Michigan," was received, bearing the following endorsement: "Presented to the University by Mrs. C. A. Chapin, July,-1879."

On motion of Regent Grant the paper was respectfully received, and ordered placed among the archives of the University, and on his motion the following resolution was adopted:

*Resolved* That the thanks of this Board be and are hereby tendered to Mrs. Charles A. Chapin for the donation of the commission appointing the late Hon. James Kingsley a trustee of this University.

There being no further business, on motion of Regent S. S. Walker, the Board adjourned.

H. D. BENNETT, Secretary.



## OCTOBER MEETING.

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UNIVERSITY OF MICHIGAN, }  
Thursday, October 2, 1879. }

The following paper was lodged in the hands of the President on the 20th day of September, 1879.

*To the President of the University:*

We respectfully ask that a meeting of the Board of Regents be called to meet on 2nd day of October, 8 P. M., for the purpose of consultation touching the employment of counsel, and for such other purposes as may be necessary.

We ask for such meeting in view of the fact, that Mr. Kirchner has refused to act as requested by the Regents, and from the further fact that consultation is necessary in reference to the work which is now being performed on the Campus.

C. RYND,

ADRIAN, Sep. 20, 1879.

ANDREW CLIMIE,

GEO. L. MALTZ.

(Authorized by telegram by Mr. Climie.)

In pursuance to the above call, dated September 20th, 1879, the President ordered a special meeting to convene on the second day of October, 1879, at 8 o'clock P. M.

There were present in the room of the President at the time above stated, the President, Regents Climie and Duffield. No quorum being present, Regent Climie moved an adjournment to 10 o'clock A. M. to-morrow, which was agreed to.

Friday, October 3, 1879.

The President, Regents Climie and Duffield reassembled in the President's room, at 10 o'clock A. M. Absent all other members of the Board. No quorum being present, on motion of Regent Climie, an adjournment was taken to the 21st day of October, 1879, at 9 o'clock, A. M.

UNIVERSITY OF MICHIGAN, }  
Tuesday, Oct. 21, 1879. }

The Board of Regents, pursuant to adjournment, convened in the room of the President at 9 o'clock A. M.

Present, a full Board.

Regent Rynd stated that he held in his hand a paper of a private nature, which he desired to submit to the Board in executive session, and moved that such session be immediately held. Agreed to. At the close of the executive session, business in open session was resumed.

Several communications received from Dr. Bodemann were read by Regent Rynd, and on motion of Regent Cutcheon the papers were referred to the Committee on the Department of Medicine and Surgery, with instructions to report at this meeting.

The President submitted several communications which were referred to appropriate committees for consideration and future action.

Regent Cutcheon submitted the following report, which was accepted and ordered to be printed in the minutes:

The undersigned would report that the suits of Bradley F. Granger, vs. the Board of Regents, also of Philip Bach, vs. the Board of Regents, have been fully settled and discontinued, for the sum of two hundred dollars, that being in full of all costs in those cases, and all claims of said Granger and Bach.

The memorandum of settlement and receipt in full are herewith submitted.

Respectfully submitted,

B. M. CUTCHEON.

Regent Cutcheon also submitted the following report, which was accepted and ordered printed in the minutes.

The undersigned would respectfully report that the claim of Peter Tuite for services as Register in Chancery in the University suits has been settled and adjusted at the sum of one hundred dollars, and his receipt in full is herewith submitted.

B. M. CUTCHEON,

Chairman Executive Committee.

The President stated that his Annual Report to the Board of Regents had been prepared, and was held subject to the call

of the Board. By request, the President read such portions of the report as he deemed of most interest and importance, Regent Climie in the chair. At the conclusion of the reading of the report, Regent Cutcheon submitted the following resolution.

*Resolved*, That the Annual Report of the President, together with such appendices as the President may think it proper to attach thereto, and also the Annual Report of the Finance Committee when rendered be printed in full in the minutes of this Board, and that an edition of five hundred copies thereof be also printed in pamphlet form for distribution.

The vote on the adoption of the resolution was as follows:

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

The following is the President's Annual Report:

*To the Honorable Board of Regents:*

I beg leave to present to you my Annual Report for the University Year, ending June 30, 1879.

The changes in the Faculties have been as follows:

October 11, 1878, Byron W. Cheever, M. A., was appointed Assistant in the Chemical Laboratory, in the place of Samuel T. Douglas, Ph. B., resigned. J. M. Schaeberle, C. E., was appointed Assistant in the Astronomical Observatory. Calvin Thomas, M. A., was appointed Instructor in Modern Languages and History. February 7, 1879, P. B. Rose, M. D., was appointed Assistant Professor of Physiological Chemistry, and in June the title was changed so as to read Assistant Professor of Physiological Chemistry and Toxicology, and Lecturer on Renal Diseases. February 7, 1879, James C. Watson, Ph. D., LL. D., resigned his offices of Professor of Astronomy and Director of the Observatory, and on March 25th, Mark W. Harrington, M. A., was elected as his successor.

In June, 1879, the following promotions and appointments were made: Joseph B. Steere, Ph. D. promoted from the Assistant Professorship to the Professorship of Zoology; Alexander Winchell, LL. D., Professor of Historic Geology and Paleontology; William H. Pettee, M. A., heretofore Professor

of Geology, in charge of Mining Engineering, now appointed Professor of Mineralogy and Economic Geology ; Henry F. Lyster, M. A., M. D., Lecturer on Pathology and Practice of Medicine for one year ; William H. Payne, M. A., Professor of the Science and the Art of Teaching ; Professor Edward L. Walter, Ph. D., heretofore Assistant Professor of Latin, now appointed Professor of Modern Languages in place of George S. Morris, M. A., resigned ; Elisha Jones, M. A., Assistant Professor of Latin ; Isaac N. Demmon, M. A., heretofore Assistant Professor of Rhetoric and History, Assistant Professor of Rhetoric and Anglo Saxon ; Rev. Richard Hudson, M. A., Assistant Professor of History ; Volney M. Spalding, M. A., promoted from Instructor in Botany to Assistant Professor of Botany ; William J. Herdman, M. A., M. D., Demonstrator of Anatomy, was appointed also Lecturer on Pathological Anatomy ; Charles H. Stowell, M. D., Instructor in the Physiological Laboratory, was appointed Lecturer on Physiology and Histology ; Victor C. Vaughan, Ph. D., M. D., Assistant in Chemical Laboratory, was appointed also Lecturer on Medical Chemistry ; Alfred Hennequin, M. A., Instructor in Modern Languages, who has been absent on leave, was recalled to duty.

In the resignation of Professor Morris and of Professor Watson, the University sustains a severe loss. Professor Morris has filled the Chair of Modern Languages for nine years and has brought to his work the resources of a most varied, profound and elegant scholarship. Dr. Watson has been connected with the Faculty since the very year of his graduation, 1857. For two years he was Instructor in Mathematics, and for twenty years he has had charge of the Observatory and filled the Chair of Astronomy. During that period he has discovered no less than twenty-seven minor planets and two comets, and has made the Observatory known throughout the world. The best wishes of the University will follow these two distinguished scholars to their new fields of labor.

The degrees conferred during the year on examination were as follows :

Pharmaceutical Chemist.....	25
Mining Engineer.....	3
Civil Engineer.....	6
Bachelor of Science.....	5
Bachelor of Philosophy.....	11
Bachelor of Arts.....	35
Master of Science.....	1
Master of Philosophy.....	1
Master of Arts.....	8
Doctor of Philosophy.....	1
Doctor of Medicine (Dept. of Medicine and Surgery).....	104
Bachelor of Law.....	193
Doctor of Medicine (Homœopathic Med. College).....	25
Doctor of Dental Surgery.....	15
Total.....	433

In addition to these, four honorary degrees were conferred, viz.: Civil Engineer, 1; Master of Arts, 1; Doctor of Laws, 2. The total number of degrees conferred during the year was therefore 437. In three cases two degrees were given on examination to the same person. The total number of recipients of degrees was 434. In no previous year has so large a number been graduated from the University.

The number of students in attendance was as follows:

*Department of Literature, Science and the Arts.*

RESIDENT GRADUATES.....	12
FOURTH YEAR.....	49
THIRD YEAR.....	67
SECOND YEAR.....	95
FIRST YEAR.....	172
SELECT.....	50
Total.....	445

*Department of Medicine and Surgery.*

STUDENTS.—Total in the Department.....	329
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*Department of Law.*

SENIORS.....	195
JUNIORS.....	211
—	406



*School of Pharmacy.*

SECOND YEAR.....	28
FIRST YEAR .....	43
	— 71

*Homœopathic Medical College.*

STUDENTS.—Total in the College.....	63
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*College of Dental Surgery.*

STUDENTS.—Total in College.....	62
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Total in the University .....	1376
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The number in the University was greater by 143 or by more than 11 per cent. than in 1877-78, and greater by 266 or by 21 per cent. than in 1876, and greater than ever before in the history of the institution. There was an increase in every Department except in the Homœopathic Medical College. In the College of Dental Surgery the gain was 19; in the School of Pharmacy, 2; in the Law School, 18; in the Department of Medicine and Surgery, 22; in the Literary Department, 78.

In view of the second year's trial of the extension of the medical term from six months to nine months, the increase in the attendance in the Department of Medicine and Surgery was very gratifying. There seems now to be satisfactory evidence of a desire for a more extended and thorough medical education than has hitherto been furnished by the medical schools of this country.

Not less gratifying was the enlarged attendance in the Department of Literature, Science and the Arts. For years this central Department of the University had remained almost stationary in the size of its classes, while the other Departments were pretty steadily growing. This fact was one of the causes, which led the Faculty to resolve on the important changes which they made in the organization of its work a year ago. It was feared that in some way we were not meeting the real needs of the State and of the West as fully as we might. So far as numbers indicate, we have certainly good

reason to be satisfied with the response which has been made to our proposition to make our instruction more attractive and useful. The number of students in the Literary Department is increased by about *twenty per cent.*

Of the undergraduates the number of candidates for the several degrees was as follows, viz.: Mining Engineer, 10; Civil Engineer, 25; Bachelor of Letters, 15; Bachelor of Science, 30; Bachelor of Letters (Latin), 92; Bachelor of Arts, 211. The number of Select Students was 50. Of these Select Students a considerable proportion were, as we had hoped they would be, teachers of mature years, who availed themselves of our offer to receive persons over twenty-one years of age without the regular examination, provided they should give evidence of their ability to pursue the work they should elect. Most of them desired to take some work as a specialty, and they proved almost without exception to be capable of carrying on their studies in a creditable manner, and were in no respect a source of embarrassment to our regular work.

The number of women in attendance was as follows: Department of Literature, Science and the Arts, 76; Department of Medicine and Surgery, 42; Law Department, 2; Homœopathic Medical college, 12; School of Pharmacy, 1; Dental College 1; total, 134. That is an increase over the previous year of 41. It will be seen that the women form a little less than ten per cent of all the students. That is a slightly larger percentage than we ever had before.

Of the women in the Literary Department the candidates for the various degrees were as follows: Bachelor of Letters, 5; Bachelor of Science, 4; Mining Engineer, 1; Bachelor of Letters (Latin), 19; Bachelor of arts, 30. There was one Resident Graduate, and there were 17 Select Students, several of whom had been teachers.

After our nine years' experience in co-education, we have become so accustomed to see women take up any kind of University work, carry it on successfully, graduate in good health, cause no embarrassment in the administration of the Institution, and awaken no special solicitude in the minds of their

friends or of their teachers, that many of the theoretical discussions of co-education by those who have not had opportunities to examine it carefully read strangely to us here on the ground. It is a cause of sincere congratulation, that both in this country and in Europe, the opportunities for women to obtain as thorough and extended an education as men, are rapidly multiplying.

Michigan furnished this year, as last, about 49 per cent. of the students. In the Literary Department, 66½ per cent. were from Michigan; in the aggregate attendance in the Medical Schools and the Dental School, 44½ per cent; in the Law School, 32½ per cent; in the Pharmacy School, 46½ per cent. Of the total increase of 143 students last year, 55 were from Michigan and 88 from other States. It would seem, therefore, that while we are attracting more Michigan students than formerly, we are even more rapidly strengthening our hold upon other parts of the Union.

Exception has sometimes been taken in our own State to our opening our doors on so easy terms to students from other States. It should be remembered in the first place, that a discrimination against students from abroad is made in our fees. A Michigan student pays only ten dollars admission fee, and an annual fee of twenty dollars. A student from another State, pays twenty-five dollars admission fee, and twenty-five dollars annual fee. In the second place, in the professional schools, where by far the larger proportion of students from abroad are found, the cost of instruction is only slightly increased by the admission of them, so that the sum received from them may be reckoned as almost a clear gain to our resources. For instance, in the Department of Medicine and Surgery during the past year the fees from Michigan students were only \$4,140, while the fees from non-resident students were \$7,675. The same corps of instructors would be required to lecture to the Michigan students alone as were required to teach the whole class. In the Law School the figures are yet more striking. The cost of instruction in that school was \$6,400. Now the receipts from non-resident students were \$12,000, that is, \$5,600

more than the salaries of all the Professors, while the fees from Michigan students in that school were only \$3,960. In passing I may direct attention to the fact that the total receipts of the Law School are nearly ten thousand dollars more than the expenses. But the main point which I wish now to make clear is, that in an economical point of view, it is wise neither to exclude non-resident students from the University, nor to charge them so high fees as to make a material diminution of their numbers.

In the Department of Literature, Science and the Arts, we have suffered no little embarrassment from having an inadequate number of teachers to instruct our greatly increased number of students. In order to extricate ourselves from debt, we have reduced our force of teachers to the smallest number, with which we could with tolerable efficiency care for the usual number of pupils. When at the beginning of the last year we were suddenly called on to provide instruction for about eighty more students than before, we found it impossible to do all we could have wished. We were compelled to have larger sections than we deemed it wise to have. Professors of one branch were obliged to teach other branches, and both students and teachers were subjected to inconveniences, from which fortunately we are now relieved.

It will, therefore, be seen that we were obliged to begin under serious disadvantages the new plan of work, which was discussed in my last Report. We were unable to enlarge the scope of our work as much as we had hoped. It was necessary to curtail to some extent the election of studies, which had been offered to all. But the students appreciated our situation and cheerfully acquiesced in the modifications of our scheme, which we were obliged to make. But in its essential features the new plan was fairly tried, and although a trial of one year is too brief to justify unqualified statements of opinion upon the experiment, I think I may truly say that we see no good reason to doubt that our expectations from it are to be realized. We have seen no disposition in our students under an elective system to choose studies, because they are easy, or

to avoid those which are usually thought difficult. The tabular statement of the studies pursued will show this in convincing form.\* The fears of those who had supposed that Greek might be dropped were allayed in observing that the number of persons studying Greek was never before so great. I am inclined to think that we are relieved from the peril of the choice of an undue proportion of easy studies by our having no marking system. When pupils are studying for class rank, they will be tempted to elect branches in which they can secure high standing. But that inducement is not offered here. As a rule, the elections were judiciously made.

We have noticed scarcely any inclination to take too little work. The mistakes have been, as we anticipated, quite in the other direction. Many pupils have desired to take more studies than they could pursue with the most profit. In numerous cases the Faculty have thought it wise to reduce the work, which students have marked out for themselves. During the first semester it became apparent to many of the students that they had elected too many studies, and in the second semester there was a manifest reduction in the amount of work undertaken. The year's experience has taught most of the undergraduates themselves what they can wisely attempt. The Faculty are determined to use all vigilance to prevent mere cramming. While they propose to allow every one to do all he can do well, they mean to insist that each student shall take time enough to digest and assimilate his intellectual food. To much cannot be said of the enthusiastic, hearty and manly spirit, in which the undergraduates as a body have received the new plan and have performed their duties. The utmost good order has prevailed. Not a case has occurred, which has called for serious discipline. The details of our work are more fully given in the Reports, which the Professors at my request have made, and which are found in the Appendix. (B.)

With the additions which have been made to our force of teachers, we shall be able to enlarge the range and improve the quality of our instruction the coming year.

\*See Appendix C.

An important step has been taken in establishing a Professorship of the Science and the Art of Teaching. I am not aware that there is a chair exclusively for this work in any other American college. In previous Reports I have directed attention to the necessity of providing here for some systematic instruction in Pedagogy. We annually send out a considerable number of students, who are to engage in teaching for some years, and not a few who intend to devote their lives to the work. Some of them are called at once to responsible position in our graded schools. It might greatly add to the value of their services to be familiar with the principles which should govern the administration of such schools, with the philosophy of teaching, and with the history of education. Our Professors have for several years given some special instruction in the methods of teaching the languages, mathematics and physics. But now in addition to their specific work a Professor is charged with the duty of giving systematic instruction in the general field, to which the name of Pedagogics is often applied.

We desire it to be most clearly understood that we have no intention of invading the territory of our neighbors of the Normal School. The line between their work and ours is very distinct. We wish simply to aid our undergraduates, who come here for collegiate study, to prepare themselves for the work of teaching, which they are certain to undertake, whether we have this new chair or not. If our effort to give specific instruction of this kind and of a high order is successful, it will tend to aid the Normal School by strengthening in the minds of our graduates and of the public the conviction that there is indeed a philosophy, a science, of education, which we are aiming to teach to such of our students as intend to become teachers, while the Normal School is also teaching it to every one of its hundreds of pupils in the manner most helpful to them. We earnestly desire to cooperate with and to aid in every proper way all the other educational institutions in the State. There is work enough and more than enough for us all to do. The prosperity of each conduces to the prosperity of all the rest.

I had occasion last year to express gratification that the extension of our Medical term from six months to nine months did not diminish the number of students in our Medical Schools. This year there has been a slight decline in the attendance on the Homœopathic Medical College, but this was due to other causes than the extension of the term. In the Department of Medicine and Surgery there was a handsome gain. So convinced are we that the public are ready for another forward step in medical education that we have now decided to establish a full three years' graded course. It is thought proper to allow those who have already entered upon their studies to receive their degrees on the conditions named when they matriculated. But all who enter after the present University year will be required to take three full courses of nine months each. The best schools are so clearly perceiving the need of thorough and prolonged instruction, that before long the three years' course bids fair to be generally adopted. If it has heretofore been true that in no department of education was improvement more sadly needed than in medical education, it may now be said that in no department of education is improvement more rapidly going on at the present time.

It appears from the official reports of the Medical Schools that 936 patients were treated at the clinics last year. A large number of important surgical operations were successfully performed. The hospital is in fact a great public charity.

Partly because our hospital accommodations were too limited, and partly because it was not found practicable to care for patients of the two medical Schools in the same building, the Legislature were asked by the Regents to make an appropriation for the erection of a separate ward for the patients who seek Homœopathic treatment. The request was cheerfully granted, and an additional sum was voted for the erection of an amphitheatre in which operations could be performed in the presence of the Homœopathic class. The new structures are nearly completed.

The Regents also in June made an appropriation from the

General Fund, for the erection of an amphitheatre to be connected with the Hospital, which is under the charge of the Faculty of the Department of Medicine and Surgery. This has long been sorely needed. The patients have necessarily been transported from the Hospital across the campus to the Medical College, and after being operated on have been carried back to the wards. The discomfort and exposure and consequent danger to life have been greater than it was pleasant to think of. The enlarged and improved accommodations for the patients are a source of great satisfaction.

The prosperity of the Law School, which is so helpful to our treasury, and so gratifying to us in every respect, threatens to become temporarily embarrassing. We were forced to make some changes in the lecture room last year in order to provide the requisite number of seats for the large classes. If there is any considerable increase in the attendance this year, it is not easy to say how all are to be accommodated. The friends of the school will hear with pleasure that the resources of the University enable us to add a Professor to the Faculty, and so to secure more thorough instruction for the Junior class.

The School of Pharmacy has a wholesome and steady life. The pressure for admission to it has been so great that its Faculty have deemed it wise to announce that on and after September, 1880, the requirements for matriculation will be increased. A specified amount of knowledge of Algebra and of either Latin or German will be asked.

The Dental School advances with the most encouraging vigor. At the beginning of the year so many students presented themselves that the rooms provided for clinical and for mechanical purposes were altogether too strait. The Regents therefore at the October meeting decided to erect an addition to the Dental Building, pay for it by drawing from the General Fund, and ask the Legislature to reimburse the General Fund. Ample accommodations were thus provided. The new rooms were ready for occupancy early in the winter, and the Legislature made the needed appropriation.

The friends of the University may well express their grate-



ful appreciation of the timely aid which the Legislature lent to us at the last session. They made an appropriation for each of the years 1879 and 1880 of \$2,000 for the purchase of books for the General Library, of \$3,000 for Hospital expenses, of \$2,000 for extended instruction in the Homœopathic Medical College, of \$4,500 for the Dental College, and of \$20,000 for erecting a fire-proof Museum. Besides, they appropriated \$3,250 to pay for the addition to the Dental College Building, \$1,000 to enlarge the Matron's apartments in the Hospital, \$6,500 for a Homœopathic Hospital and Amphitheatre, \$1,250 for the expenses of the Homœopathic Hospital in 1880, and \$20,000 for erecting a central boiler house and providing steam heating apparatus for several of the University buildings. The total sum appropriated for 1879 was \$62,250, and for 1880, \$32,750. The Appropriation bills will be found in the Appendix.\*

The new heating apparatus will probably diminish the expense of heating our buildings and will certainly diminish the risk from fire. The new Museum Building will enable us to store and display our collections much better than has heretofore been possible, and will relieve us of the solicitude we have so long felt concerning their safety. The sum placed at our disposal will not be adequate to furnish the lecture rooms, which ought to be connected with the Museum. We shall hope to secure them by some means at no distant day. By the action taken at the June meeting of the Board the large and valuable collection, which Professor Steere made in his tour in South America and the East Indies, has come into the possession of the University on such terms that there can be, it is understood, no controversy about the title.

I cannot forbear again calling attention to the fact that we need a new Library Building quite as much as we needed a Museum Building. The Law Department requires the room in which our General Library is now stored. The building is not fire-proof. The Library room is not capacious enough to hold our books or to accommodate our readers. We ought to have a reading room which can hold at least three hundred readers

\*See Appendix D.

and provide them with good air. The Library must be the centre of the intellectual life of the University. It should therefore be cared for with the most scrupulous pains and be nourished with the largest generosity. I doubt if, in proportion to its size, any Library in the world is as much used as ours. Statistics carefully gathered show that from the Harvard Library with its 173,000 volumes a smaller number of books is daily drawn than from our little collection of 26,000.

A well-equipped Gymnasium is also much needed. It would not only contribute to the physical well-being of the students, but would also confer indirectly both intellectual and moral good. The health and consequently the intellectual and moral vigor of not a few of our students suffer from the lack of sufficient and attractive exercise. The undergraduates have for some time been striving to raise funds for the erection of a gymnasium, and have secured the organization of a corporation, which is authorized to receive and invest moneys contributed for that purpose. I heartily commend their enterprise to the generosity of our alumni and of other friends of the University.

The Finance Committee's Report is this year, as it was last year, a cheerful document. Owing to the practice of great economy, and to the large attendance of students, the end of the fiscal year found a large balance in our Treasury. It is this fact which has led the Regents to enlarge the corps of teachers in the Literary Department. No better use can be made of our resources than to improve the efficiency of our instruction.

With a record so inspiring as that of last year to encourage us, with so many proofs before us of the deep interest of our own State and of a large public beyond the limits of our State in our welfare, and with every prospect of prosperity in the year on which we have just entered, we and all friends of the University may with hopefulness and courage look forward to its immediate future.

JAMES B. ANGELL.

The following preamble and resolution were submitted by Regent Grant:

WHEREAS, Preston B. Rose, after an investigation by two Committees of this Board, was found guilty of embezzlement, and after a long and impartial trial in the Circuit Court for the County of Washtenaw, in Chancery, was likewise adjudged to be an embezzler of money belonging to the University of Michigan; and

WHEREAS, Said Rose, since said decree was rendered against him, has used all the means within his power to prevent an appeal to the Supreme Court; and

WHEREAS, Recent developments point more directly towards his guilt; and

WHEREAS, The interests of the University demand his removal; therefore,

*Resolved*, That said Preston B. Rose be, and is hereby, removed from his position in the Laboratory and from all connection with the University of Michigan.

At the close of the discussion on the above resolution, Regent S. S. Walker moved that it be laid on the table.

An aye and nay vote was called for, and the result was as follows:

Ayes—Regents E. C. Walker, Cutcheon and S. S. Walker.

No quorum voting, Regent S. S. Walker's motion did not prevail.

Pending further discussion on Regent Grant's resolution, Regent Rynd submitted the following resolution, which was adopted:

*Resolved*, That Colonel Grant, a Regent of this University, be, and is hereby, requested to present to this Board in due form the charges which he has this day made in an address before this Board touching the criminality of Preston B. Rose, now an Assistant Professor in the University, and pending the introduction of such charges by Colonel Grant, all action in relation to the matter be suspended.

The vote on the adoption of the above resolution was as follows:

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

The following communication and report were read by Regent Rynd:

ANN ARBOR, October 2, 1879.

*To the Honorable Board of Regents, University of Michigan :*

GENTLEMEN—The increased number of students in the Dental Department of the University renders necessary some additional fixtures and appliances, in order that the work may go on without embarrassment.

There are at present about seventy students, and quite a number more will be in within a few days.

There are now thirty-two Seniors ; the whole number of these will be from thirty-five to forty. We have but eighteen operating chairs that are fit for use. There should be at least twelve more.

Four or five more lathes are needed for the Laboratory, and some minor fixtures.

To furnish these much needed things an appropriation of \$500.00 is required.

J. TAFT,  
Dean Dental Faculty.

The following is the report above referred to :

The Committee on Medical and Dental Department, to whom was referred the communication of the Dean of the Dental College, have examined the matter of the additional needs of the College, and would respectfully report that an appropriation of \$500.00 be made for the purposes stated in the letter of Dr. Taft, said money (or as much as may be necessary thereof) to be expended under the direction of the Treasurer of the University.

C. RYND,  
S. S. WALKER,  
A. CLIMIE.

Reegent Rynd moved the adoption of the above report, which was agreed to by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

The following report, submitted by Regent Cutcheon, was read, and, on motion, unanimously adopted :

The Executive Committee, to whom was referred the matter of the employment of counsel in the University suits, in the matter of the appeal to the Supreme Court, would report that they communicated the action of the Board to the Governor, with a request that he would direct the Attorney-General to appear in behalf of this Board in said appeal.

B

After some delay the Governor informed the Committee that the Attorney-General objected to taking charge of the appeal for the Board, and under the circumstances he did not consider it proper for him to direct the Attorney-General to do so.

The Committee would further report that no occasion has yet arisen for the intervention of counsel in the Supreme Court, and they are advised that no occasion will arise for such services at the present term of the Supreme Court.

B. M. CUTCHEON,  
Chairman.

On motion of Regent Climie, the Board took a recess to 2 o'clock P. M.

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TUESDAY, October 21, 1879.

The Board reassembled in the room of the President at 2 o'clock P. M.

Present, a full Board.

Regent Grant submitted the following resolution, which was adopted :

*Resolved*, That the matriculation fee of George Taylor, a student of the Medical Department, who was called home to England by the death of his father, be, and the same is, hereby remitted, and that the Treasurer be authorized to pay the same to Professor McLean, who advanced the amount to him.

The vote on the adoption of Regent Grant's resolution was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Cutcheon and Duffield.

Nay—None. Absent and not voting—Regents Climie, S. S. Walker and Maltz.

A petition numerously signed by prominent citizens of Detroit, praying that the "Chair of Fine Arts" might be re-established in the University, was received and read by Regent E. C. Walker, who stated that Professor A. Bradish, who was now present, desired to be heard relative to the matter, and moved that the privilege of addressing the Board be accorded him. The motion prevailed, and Professor Bradish read a paper upon the subject under consideration. At the conclusion

of the reading of the paper, Regent E. C. Walker moved that the petition be laid on the table, and that it be taken up at an early hour in executive session. The motion prevailed.

Professor C. L. Ford, Dean, appeared before the Board, and by permission read a statement relative to the appointment of Dr. H. F. Lyster, of Detroit, his acceptance and subsequent declination of the appointment as Lecturer to fill the vacancy of Professor A. B. Palmer, who is now absent on leave.

The following communication was read by Regent Rynd:

MICHIGAN STATE BOARD OF HEALTH, }  
DETROIT, September 30th, 1879.

*J. B. Angell, LL. D.:*

DEAR SIR—The Faculty of the Medical Department of the University find, upon attempting to arrange the hours for lectures and clinics, that they will require more time from me than my engagements here will permit me to give.

I understood at the time of my acceptance of the position that my work could be accomplished in three days each week.

I beg leave to withdraw my acceptance of the appointment of Lecturer in Pathology and Practice of Medicine, conferred upon me at the June meeting by the honorable Board of Regents of the University. I am, very respectfully,

Your obedient servant,

HENRY F. LYSTER.

The following resolution, submitted by Regent Rynd, was adopted:

*Resolved*, That the resignation of Dr. H. F. Lyster, lately appointed Lecturer on Theory and Practice in the Medical Department of the University, but who did not enter upon the duties of the office, be, and is, hereby accepted.

Regent Grant submitted the following resolution:

*Resolved*, That Dr. Frost, of Hanover, N. H., be appointed Acting Professor on the Theory and Practice of Medicine in the place of Dr. Palmer during the time of the latter's absence in Europe, at \$2,200.00 per annum.

At the close of the remarks on Regent Grant's resolution an aye and nay vote was called for, and the result was as follows:

Ayes—Regents Grant, E. C. Walker and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

Not voting—Regent Cutcheon.

The resolution was lost.

The following resolution, submitted by Regent Rynd, was adopted :

*Resolved*, That Professor A. B. Palmer be, and is, hereby requested to resume his duties in the University immediately after the holiday vacation.

A petition from the Common Council of the city of Ann Arbor was received and read by the President, praying that the surplus water from the University water works might be used for the protection of the city and county property.

The following resolution, presented by Regent Cutcheon, was adopted :

*Resolved*, That the communication of the Common Council of the city of Ann Arbor in regard to water supply be referred to the Committee on Buildings and Grounds, with request to report thereon at the earliest practicable day.

A communication from Professor Samuel A. Jones, in respect to the order in which the names of the Homœopathic Faculty are officially printed, was read by Regent Rynd, and on his motion it was referred to the President for appropriate action. The Regent also read another communication from Professor Jones, which on motion was referred to the Executive Committee.

The following preamble and resolution were submitted by Regent Grant, and were made the special order for 8:30 o'clock to-morrow morning :

WHEREAS, It is charged by C. B. Grant, a Regent of this University, that Preston B. Rose, upon information which he has stated to this Board, from the year 1871 to the year 1875, inclusive, sold chemicals to the State Normal School and Professor James C. Watson, for which he has not accounted, and that said Preston B. Rose paid for the stock of the Grand River Plaster Company more money than he testified to before the Legislative Committee and on the trial of the suit brought by the Board against said Rose and S. H. Douglas; therefore

*Resolved*, That Regents B. M. Cutcheon, E. C. Walker and Andrew Climie be and they are hereby appointed a committee to investigate said charges and report to this Board at its next meeting.

On motion of Regent Rynd a copy of the above resolution was furnished Professor P. B. Rose.

The following report was read by Regent Duffield, and on motion was adopted.

The Committee would report that Mr. William Dow Washburn having completed all the requirements of graduation be recommended for the degree of Bachelor of Arts.

The Committee would also report that the course of Mining Engineering ought to be discontinued in view of the fact that the provisions for technical instruction on this subject are manifestly inadequate to give the full amount of instruction demanded by the standard of the best Mining Engineering schools of this country.

Regent E. C. Walker submitted the following report and resolution :

The Committee on the Law Department to whom was referred the communication of Prof. Wm. P. Wells, stating his present ill health and asking to be relieved from his duties for the present year, or till such time during the year as he shall recover from his illness, respectfully report the following resolution and recommend its passage :

*Resolved*, That the request of Prof. W. P. Wells be granted, and that Chas. I. Walker, E-q., be and is hereby appointed to perform his duties for the current year or till Prof. Wells's health shall be restored ; Prof. Walker to receive for the time occupied by him the same salary paid to Prof. Wells, whose salary is in the meantime to cease.

E. C. WALKER,  
B. M. CUTCHEON,  
C. B. GRANT.

At the close of the discussion on Regent E. C. Walker's resolution, it was adopted by the following vote :

Ayes—Regents Grant, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Not voting—Regent Rynd.

The following resolution was submitted by Regent Rynd :

*Resolved*, That while conceding the eminent fitness of Judge C. I. Walker for the position of a teacher in the Law Department, yet this Board hereby expresses its desire that no definite arrangement shall be made for even the temporary filling of a Chair in any Department of the University without first consulting either the Board of Regents, or such Committee as may be designated by the Board for such purpose.

At the close of the remarks on Regent Rynd's resolution an aye and nay vote was taken with the following result :



Ayes—Regents Rynd and Climie.

Nays—Grant, S. S. Walker and Maltz.

Not voting—Regents E. C. Walker, Cutcheon and Duffield.

The resolution was lost.

A communication from Hon. S. T. Douglas, addressed to the Board of Regents, stating what questions Dr. S. H. Douglas expected to raise before the Supreme Court in his appeal of the University case, was read by Regent Grant. On motion the paper was accepted and ordered to be placed on file.

The annual report of the Finance Committee was presented and read by Regent Climie, Chairman; and on motion was accepted and ordered to be printed in the minutes. The report is as follows:

ANNUAL REPORT OF FINANCE COMMITTEE.

The Finance Committee of the Board of Regents submit their annual report, showing the financial operations of the University for the fiscal year ending June 30th, 1879, with an estimate of the probable receipts and expenditures for the fiscal year ending June 30th, 1888:

RECEIPTS. (*General Fund.*)

Balance on hand July 1st, 1878.....	\$ 10,111 89
Received from State Treasurer University interest.....	39,226 68
Received from State Treasurer State Aid.....	31,500 00
Received from Students' Fees and Laboratory Deposits.....	58,256 82
Received from interest on Treasurer's Account.....	765 75
Received from sale of Book.....	1 86
Received from State Treasurer on account Dental College	
Addition.....	3,250 00
	<hr/>
	\$143,113 00

RECEIPTS. (*Special Funds.*)

Received from State Treasurer for Homoeopathic Medical	
College.....	6,000 00
Received from State Treasurer for Extended Term Homoeo-	
pathic Medical College.....	2,500 00
Received from State Treasurer for Extended Term Depart-	
ment Medicine and Surgery.....	4,500 00
Received from State Treasurer for Salary of Professor of	
Geology.....	2,000 00
Received from State Treasurer for Salary of Professor of	
Physics.....	2,000 00

Received from State Treasurer for General Library.....	2,000 00
Received from State Treasurer for Hospital.....	3,000 00
Received from State Treasurer for Dental College Salaries...	4,500 00
Received from State Treasurer for Dental College Appa- ratus.....	500 00
Received from State Treasurer for Physiological Laboratory	1,000 00
	<u>\$ 28,000 00</u>
Total Receipts from General Fund and from Special Funds as above.....	<u>171,113 00</u>

DISBURSEMENTS. (*General Fund.*)

Paid Warrants for Salaries of Officers, Professors and other Employes of the University.....	\$ 70,790 00
Paid Warrants for Special Claims as per Resolution of the Board June 25th and 27th, 1878.....	1,106 29
Treasurers' Disbursements as per vouchers submitted.....	42,581 67
	<u>\$114,477 96</u>

DISBURSEMENTS. (*Special Fund.*)

Paid Warrants of Professors and other Employes as follows :

For the Homœopathic Medical College.....	\$ 5,327 74
For the College of Dental Surgery.....	4,100 00
For the School of Mines.....	1,700 00
For the Professor of Geology.....	2,000 00
For the Professor of Physics.....	1,700 00
For the Professor of Physiological Laboratory.....	750 00
For the Extended Term Department Medicine and Surgery	4,500 00
For the Extended Term Homœopathic Medical College.....	1,525 00
Treasurer's disbursements from Special Funds per vouchers :	
For Homœopathic Medical College.....	\$ 1,199 62
For College of Dental Surgery.....	22 19
For Dental College Apparatus.....	406 38
For School of Mines.....	39 25
For Astronomical Observatory.....	503 78
For Physical Laboratory.....	122 16
For Physiological Laboratory.....	152 46
For Hospital.....	2,838 85
For General Library.....	1,037 12
	<u>\$ 27,924 55</u>
Balance carried to new account.....	28,710 49
	<u>\$171,113 00</u>

The following detailed statement shows for what purposes the Treasurer's disbursements on vouchers were made:

For Contingent Fund.....	\$ 5,151 59
For Attorneys' and Accountant's Fees.....	2,997 96
For W. S. George Printing Account.....	48 00
For Students' Fees refunded.....	1,005 00
For Steam Pump from G. S. Wormer & Co.....	201 20
For Annual Calendar.....	921 20
For J. B. Dow, Stuccoing Dental College.....	199 67
For J. B. Steere, Beal Steere Collection.....	4,500 00
For J. W. Hunt, overdrawn appropriation Astronomical Observatory.....	72 70
For James Tolbert overdrawn appropriation Astronomical Observatory.....	334 97
For G. J. Pease, overdrawn appropriation Astronomical Observatory.....	196 37
For Alterations and Repairs.....	2,708 15
For Fuel and Lights.....	5,043 23
For Grounds.....	513 23
For Insurance.....	2,105 24
For Engineering Department.....	419 64
For Postage.....	653 33
For General Library.....	1,905 01
For Law Library, including Amount Paid for Advertising...	653 01
For Medical Library, including Amount Paid for Advertia- ing.....	643 08
For Department of General Chemistry.....	465 96
For Clinics, Department Medicine and Surgery.....	363 48
For Museum and Microscopical Laboratory.....	542 14
For Chemical Laboratory.....	6,574 80
For College Dental Surgery.....	3,892 66
For Physical Laboratory.....	470 05

\$ 42,581 67

The cash balance on hand June 30th, 1878, as per last

Report was..... 10,111 89

Which amount was made up by the following debit and credit bal-  
ances of the different accounts.

CREDIT BALANCES.

General Library Fund.....	\$ 887 92
Physiological Laboratory.....	279 91
Hospital.....	1,258 93

Homœopathic Medical College.....	2,042 07
School of Mines.....	3,375 00
Dental College.....	27 04
Observatory.....	503 78
Physical Laboratory.....	122 16
Dental salary account.....	200 00
Geological Professor, salary.....	1,000 00
Professor of Physics, salary.....	1,100 00
Extended Term Department of Medicine and Surgery.....	2,250 00
Extended Term Homœopathic Medical College.....	2,500 00
	<hr/>
	\$ 15,547 41

DEBIT BALANCES.

Dental College.....	\$ 1,484 21
Mining Engineering.....	249 07
Current Expenses.....	3,702 24
	<hr/>

Due amount of overdrawn accounts.....	\$ 5,435 52
Showing as stated cash balance on hand June 30th, 1878.....	10,111 89

RECAPITULATION.

Receipts during the year—General Fund.....	\$133,001 11
Amounts paid out of General Fund.....	114,477 96
Amounts transferred to College of Dental Surgery.....	1,506 40
Amounts transferred to School of Mines Equipment.....	249 07
Amounts transferred to Hospital.....	500 00
Amounts overdrawn from General Fund previous years.....	3,702 24
	<hr/>

Leaving a balance to the credit of the General Fund of.. \$12,565 44

The amount received from the State Treasurer on account of special appropriations during the year was \$28,000 00.

The balance on hand at the commencement of the year.....	\$ 10,111 89
The amount due from General Fund.....	3,702 24
The amount transferred by resolution of the Board October 10th, 1878, to Dental College.....	1,506 40
The School of Mines Equipment.....	249 07
The Hospital.....	500 00
	<hr/>

Receipts during the year—Special Funds.....	\$ 44,000 00
Disbursements during the year.....	27,924 55
	<hr/>

Leaving a balance to the credit of the Special Funds.....\$ 10,145 05

By the liberality of the Legislature the following appropriations were made for the purposes enumerated below :

For the erection of a fire-proof Museum Building.....	\$ 40,000 00
For the General Library for the year 1879.....	2'000 00
For the General Library for the year 1880.....	2,000 00
For the Hospital for the year 1879.....	3,000 00
For the Hospital for the year 1880.....	3,000 00
For the Homœopathic Medical College for the year 1879.....	2,000 00
For the Homœopathic Medical College for the year 1880.....	2,000 00
For the Dental College for the year 1879.....	4,500 00
For the Dental College for the year 1880.....	4,500 00
For credit General Fund for addition to Dental College.....	3,250 00
For Steam Heating Boiler House, Coils, Radiators and Connections .....	20,000 00
For building Homœopathic Hospital.....	6,500 00
For enlargement of Matron's House.....	1,000 00
For the Homœopathic Hospital for the year 1880.....	1,250 00
	<hr/>
	\$ 95,000 00

Of the appropriations thus made by the Legislature \$62,250 will be available during the year 1879, and \$32,750 will be available during the year 1880.

The estimated receipts for the fiscal year ending June 30th, 1880, are as follows :

Balance in the Treasury June 30th, 1879.....	\$ 28,710 49
For interest on University Fund.....	38,000 00
For Annual State Aid, " Act of 1873 ".....	31,500 00
For Annual State Aid, " Act of 1875," Homœopathic Medical College.....	6,000 00
For Students' Fees and Laboratory Deposits.....	50,000 00
For State Aid, " Act of 1879," Museum Building.....	40,000 00
For Steam Heating Boiler House, Coils, Radiators and Connections.....	20,000 00
For the General Library for the year 1880.....	2,000 00
For the Hospital for the year 1880.....	3,000 00
For the Homœopathic Medical College for the year 1880.....	2,000 00
For the College of Dental Surgery for the year 1879.....	4,500 00
For the College of Dental Surgery for the year 1880.....	4,500 00
For the building a Homœopathic Hospital.....	6,500 00
For the enlargement of the Matron's House.....	1,000 00
For the Homœopathic Hospital for the year 1880.....	1,250 00

For the Homœopathic Medical College for the year 1880.....	2,000 00
For interest on Treasurer's account.....	500 00
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	\$241,460 49
Estimated Disbursements for the year 1879-'80.....	\$221,662 50
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Estimated balance June 30th, 1880.....	\$ 19,797 99
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The estimated disbursements for the same time are as follows :

For salaries of Officers, Professors and Employes in all departments of the University.....	\$101,112 50
For Alterations and Repairs.....	5,000 00
For Fuel and Lights.....	6,000 00
For Grounds.....	600 00
For Insurance.....	2,500 00
For General Library.....	2,000 00
For Medical Library.....	500 00
For Law Library .....	500 00
For Annual Calendar.. ..	1,200 00
For Printing Regents' Proceedings.....	500 00
For Postage.....	800 00
For Engineering Department.....	500 00
For Department of Physics.....	500 00
For Apparatus for Dental College.....	1,000 00
For Current Expenses of Dental College.....	1,000 00
For Chemical Laboratory Supplies.....	6,000 00
For Apparatus for Physiological Laboratory.....	1,000 00
For Current Expenses of Homœopathic Medical College.....	1,500 00
For Publication of General Catalogue.....	1,000 00
For Advertising Department of Medicine and Surgery.....	200 00
For Advertising Department of Law.....	200 00
For Advertising Department of Literature, Science and Arts	200 00
For Advertising Homœopathic Medical College.....	200 00
For Advertising College of Dental Surgery.....	200 00
For Museum Building.....	40,000 00
For Steam Heating, Building Coils, Radiators and Con- nections .....	20,000 00
For Building Homœopathic Hospital.....	6,500 00
For Building Clinic Amphitheatre Department Medicine and Surgery.....	2,500 00
For Enlargement of Matron's House.....	1,000 00
For Equipment of Homœopathic Hospital.....	1,250 00

For Hospital and Clinics.....	3,000 00
For Museum and Microscopic Room.....	1,000 00
For Contingent Expenses.....	8,000 00
For Regents' Expenses.....	1,000 00
For Advertising School of Pharmacy.....	200 00
For Changes in Heating Medical College and new Amphitheatre.....	3,000 00
	<hr/>
	\$218,662 50

The annual report of the Treasurer, with a full list of all warrants paid, is herewith submitted. (This list of warrants has been compared with the books of the Secretary of the Board of Regents and found correct.)

Your Committee submit herewith a list of all the officers, professors and employes of the University, with the amount of salary paid to each.

The receipts from the State Treasurer have been compared with the statement furnished by the Auditor General under date of Sept. 29, 1879, and found correct. Such statement is offered as Exhibit A.

The receipts for Students' fees and Laboratory deposits have been examined with the tickets issued by the Secretary of the Board of Regents and found correct.

The vouchers for contingent expenses have also been carefully examined and agree with the report of the Treasurer.

Your Committee record with pleasure the large increase in the revenues of the University and increased number of its students, and trusts that with a wise and judicious expenditure of its means that its surplus may be expended in furnishing its libraries and increasing the facilities for instruction in the various departments of the University.

Respectfully submitted,

ANDREW CLIMIE,  
Chairman Finance Committee.

The President stated that he held in his hand a letter of recent date from the venerable ex-President Tappan, portions of which, if it were the pleasure of the Board, he would read.

The following is the portion of the letter read by the President, to whom it was addressed :

BASEL, SWITZERLAND, }  
August 30, 1879. }

"I have received your favor informing me that the Regents have established a new Law Professorship to which they have appointed ex-Governor Felch, and have done me the honor to attach my name to the same as its distinctive title.

"Please express to the Honorable Regents, in my behalf, my warm acknowledgments for this mark of attention and regard, and also my unfeigned satisfaction that the Professorship has been filled by one of Michigan's most worthy and honored citizens, and one whose name is conspicuously identified with her history.

"You express the wish that I may yet visit the University. I have continued to cherish the hope of doing so, but have hitherto been prevented by the state of my daughter's health, which although of late much improved, is still very precarious.

"Believe me very sincerely yours, "HENRY P. TAPPAN."

The following communication was read by Regent Maltz :

UNIVERSITY OF MICHIGAN, }  
Ann Arbor, October 21, 1879. }

*To the Honorable the Board of Regents :*

GENTLEMEN—I beg leave to recommend the employment of Messrs. Ferdinand Thum and John L. Irwin, students in the senior year in the School of Pharmacy, as Assistants for partial duty in the Chemical Laboratory, in places of Messrs. B. F. Dawson and A. H. Vandivert, and to be granted the use of the Laboratory materials needed in the studies of their course, without charge. I likewise recommend that Messrs. Thum and Irwin be released from the payment of the annual fee of the University.

Very respectfully,

ALBERT B. PRESCOTT,

Professor Applied Chemistry.

Regent Maltz submitted the following resolution, which was adopted :

*Resolved*, That Ferdinand Thum and John L. Irwin be and are hereby appointed Assistants in the Chemical Laboratory without salary, but that they be furnished the usual chemicals necessary for their studies free of expense.

Regent Maltz read the following communication from the Dean of the School of Pharmacy :

UNIVERSITY OF MICHIGAN, }  
Ann Arbor, October 21, 1879. }

*To the Honorable the Board of Regents :*

GENTLEMEN—I have to report that Sylvester Joseph Heimbach has completed all requirements for the degree of Pharmaceutical Chemist, and is recommended to you for this degree.

By direction of the Faculty of the School of Pharmacy.

Very respectfully,

ALBERT B. PRESCOTT, Dean.



*Memorandum.*—Mr. Heimbach had completed all requirements of study for graduation at last June Commencement, but was then absent from the University. At that time, by vote of the Faculty, the Dean was directed to report his recommendation for the degree at the October meeting of the Board.

A. B. PRESCOTT.

The following resolution, presented by Regent Maltz, was adopted :

*Resolved*, That the degree of Pharmaceutical Chemist be conferred upon Sylvester Joseph Heimbach, in accordance with the recommendation of the Faculty.

Regent Climie submitted the following preamble and resolution, which, on motion of Regent Rynd, was referred to the Executive Committee with instructions to report at the next meeting of the Board :

WHEREAS, The Department of Architecture was discontinued temporarily for financial reasons, and those reasons being now removed by the great prosperity of the University ; therefore, be it

*Resolved*, That the President and Executive Committee of the Board are hereby authorized to reinaugurate said Department of Architecture at the earliest practicable moment.

Regent S. S. Walker read the following communication from the Director of the Astronomical Observatory, and the report also of the Committee on the Observatory :

ASTRONOMICAL OBSERVATORY, }  
UNIVERSITY OF MICHIGAN, }  
October 21, 1879.

*Hon. S. S. Walker, Chairman Observatory Committee :*

SIR—It seems to the subscriber very desirable that the Board of Regents should provide a set of first-class meteorological instruments with which a complete series of observations can be taken, in connection with some Department of the University. As such observations are usually considered a part of the regular work of an observatory, we are willing to undertake them.

Such instruments as we ought to have would cost about as follows:

Hough's self-registering barometer.....	\$325 00
Hough's self-registering thermometer.....	325 00
Anemometer.....	150 00
Rain gauge, psychrometer, etc., about.....	50 00

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Total estimates.....\$850 00

With these instruments a permanent and complete record of the weather could be made, the value of which would be very much greater than that of observations taken at certain hours, however near the hours of observation may be together. The record will be complete for each instant, and can be used at any time.

You will remember that it is a part of the organic law of the institution that such observations should be taken at the University. The desirability of it is rendered greater by the fact that there is now a great and increasing interest in the subject of meteorology; also that meteorology has just been made a part of our University work by the course in the subject offered by me this semester; also by the fact that with such instruments as those mentioned above we will have a better outfit than any other meteorological station in Michigan.

Respectfully submitted,

MARK W. HARRINGTON,

Professor of Astronomy and Director of Observatory.

The Committee would recommend the adoption of the suggestions of Prof. Harrington, and that the sum of \$850, or so much thereof as may be necessary for the purchase of the instruments named by him, be and is hereby appropriated.

S. S. WALKER.

The vote on the adoption of the report of Regent S. S. Walker was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

A communication from the Dean of the Homœopathic Medical College, concerning the organization of the Homœopathic Hospital, was received and read by Regent Rynd, and on his motion it was accepted, and referred to the Committee on the Medical Department with instructions to report at the next meeting of the Board.

The following paper from the Professor of General Chemistry was received and read by Regent S. S. Walker :

UNIVERSITY OF MICHIGAN, }  
Ann Arbor, October 22, 1879. }

*Regent S. S. Walker :*

DEAR SIR—You will doubtless recollect that at a meeting of the Building Committee, at which you and Dr. Rynd were present, I stated to you the requirements of the two new courses in General Chemistry and that you concurred in the plan then suggested. May I beg of you now to bring the matter before the full Board, and thus legalize the steps

which I have been compelled to take in advance of a complete authorization from the Board. Below I state the terms which have already been extended to the students and complied with by them, these terms being nearly the same as those of the Chemical Laboratory:

*First.* Each student shall deposit in advance ten (\$10) dollars with the Treasurer of the University.

*Second.* There shall be a fixed charge of five (\$5) per semester for the consumption of chemicals, gas, fuel, etc.

*Third.* Apparatus shall be issued to students at New York catalogue prices, and shall be taken back from them, if uninjured, at the same prices.

*Fourth.* All apparatus injured or not returned by the student shall be paid for by him.

*Fifth.* When a student's deposit of \$10 is exhausted or covered by charges he may be required to make another one.

*Sixth.* This system of accounts shall be kept in the name of the Department of General Chemistry.

Very respectfully,

JOHN W. LANGLEY.

Regent S. S. Walker, in behalf of Committee, recommended that the above be the scale of charges for students pursuing the courses referred to by Prof. Langley, and the recommendation was adopted.

Regent Rynd submitted the following resolution which was unanimously adopted:

*Resolved,* That after the close of the present year, no student shall be permitted to matriculate in any Department of the University without submitting to such preliminary examination as the President of the University, and the Faculty of the Department to which the student seeks admission, may determine; and further, it shall be the duty of the President and the respective Faculties to arrange such examination, and enforce this resolution.

A communication from Prof. D. Maclean, also one from Prof. G. E. Frothingham were received and read by Regent Rynd, and on motion, were temporarily laid on the table.

On motion of Regent Grant, the Board took a recess to 7½ o'clock P. M.

UNIVERSITY OF MICHIGAN, }  
Tuesday, October 21, 1879. }

The Board of Regents reconvened in the room of the President at 7½ o'clock, P. M.

Present, a full Board.

On motion the Board went into executive session, at the close of which the business of an open session was resumed.

Regent Grant presented the following resolution.

*Resolved*, That \$100.00 be and, is hereby appropriated for the purchase of the Portrait with frame, painted by Prof Bradish, of Hon. John D. Pierce, the first Superintendent of Public Instruction and one of the earliest friends of the University.

Adopted by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

The quarterly report of the Treasurer was received and read by the Chairman of the Finance Committee. On motion, it was placed on file.

The following resolution submitted by Regent E. C. Walker was unanimously adopted :

*Resolved*. That in answer to the petition of citizens of Detroit, recommending the appointment of Alvah Bradish, Esq., to a chair of Art in the University; that the Board is not prepared to establish a school of Art at the present time, though it hopes that it will be practicable so to do at no distant day in the future.

Regent E. C. Walker submitted the following resolution :

*Resolved*, That the committee in charge of the erection of the Museum be authorized, if any necessary contingency should arise, to expend a sum not exceeding \$500.00, upon the erection and completion of said building, beyond the contract price.

Also, to contract for and expend a sum not exceeding \$4,000.00 for cases, shelving and putting up furniture of said Museum building.

Also, that said committee have a like discretion in regard to extra work upon the other buildings now being erected on the grounds of the University.

The vote on the adoption of Regent Walker's resolution was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

Regent Rynd submitted the following resolution which was adopted :

*Resolved*, That the salary of Louisa Reed Stowell be and is hereby increased to the sum of \$750.00 per annum, from and after the first day of October, 1879.

The vote on the adoption of the above resolution was as follows:

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, and S. S. Walker.

Nays—None.

Regent Grant submitted the following preamble and resolution.

WHEREAS, Rice A. Beal by his unscrupulous, lying and infamous course in the Laboratory defalcation, has needlessly caused an expense to the University of \$8,526.28 and to the people of the State by the Legislative investigation an expense of nearly \$4,000.00; and

WHEREAS, said Beal has purposely, deliberately and maliciously violated his honor and control with this Board, and

WHEREAS, said Beal never owned any interest in the collection made by Joseph B. Steere, as the agent of the United States Treasury has decided, and,

WHEREAS, the name of said Beal is synonymous with corruption, falsehood, infamy and fraud, and,

WHEREAS, the name of no man with such a character should be connected with a great institution of learning. Therefore,

*Resolved*, That the collection, made by said Steere be called and be labelled the Steere collection, and that the name of Rice A. Beal be severed from all connection therewith.

On motion of Regent Grant, the above preamble and resolutions were made the special order for 9 A. M., to-morrow.

The following preamble and resolution were also submitted by Regent Grant, and on his motion, were made the special order for 9 o'clock A. M., to-morrow.

WHEREAS, The attempt by four members of this Board to discharge the valid decree, rendered by the Circuit Court for the County of Washtenaw in Chancery, in favor of this Board and against Preston B. Rose and Rice A. Beal, for the sum of four thousand six hundred and sixty-four and 40-100 dollars at an expense of over eight thousand dollars, was without consideration and void, Therefore,

*Resolved*, That the Attorney General of this State be and is hereby requested to take immediate steps to enforce the collection and payment of said decree.

Regent S. S. Walker submitted the following resolution which was adopted :

*Resolved*, That the Treasurer be directed to provide suitable blanks with stubs for requisitions of supplies, etc., wanted in the different Departments of the University ; the stubs to be retained by the parties making the requisitions. Requisitions for supplies in any department shall be certified by the Dean of the Department or the Professor in charge, if there be such, in addition to the signature of the party making the requisitions.

On motion the Board adjourned to 8½ o'clock A. M., to-morrow morning.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, October 22, 1879. }

The Board of Regents reassembled in the room of the President at 8½ o'clock, A. M.

Present, a full Board.

Regent Cutcheon submitted the following resolution which was adopted :

*Resolved*, That the communication of Professor S. A. Jones in regard to an expelled student be referred to the President and Faculty of the Homœopathic Medical College, to take the usual course in regard to such matters.

The communication was placed on file.

On motion of Regent Grant, the Board now took up the preambles and resolutions submitted by him previous to the close of the evening session yesterday, and which were made the special order for this hour.

Regent Grant took the floor and addressed the Board at length in favor of the adoption of the resolutions presented by him.

At the close of his remarks, and pending a vote on his resolutions, Regent Rynd submitted the following preamble and resolution, and called for an aye and nay vote on their adoption :

WHEREAS, a resolution introduced by Regent Grant, and now before this Board, is couched in abusive and ungentlemanly language,

in that he associates the name of a reputable citizens with "corruption, falsehood, infamy and fraud," Therefore,

*Resolved*, That Regent Grant have the privilege of withdrawing said resolution, and further, that it be not spread on the minutes.

The following is the vote on the adoption of Regent Rynd's preambles and resolution :

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker, Cutcheon, and S. S. Walker.

The preamble and resolution were lost.

Regent Cutcheon submitted the following resolution :

*Resolved*, That the resolution of Regent Grant in regard to Rice A. Beal be indefinitely postponed.

Regent Rynd moved the following amendment to Regent Cutcheon's resolution. After the word "postponed" add the following, "and that it be not spread upon the minutes."

An aye and nay vote upon Regent Rynd's amendment to Regent Cutcheon's resolution resulted as follows :

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nayes—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker.

The amendment was lost.

The vote recurring on the resolution submitted by Regent Cutcheon, an aye and nay vote was demanded, and the following was the result :

Ayes—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The resolution of Regent Cutcheon was lost.

Pending a vote on Regent Grant's resolution, Regent Climie read and submitted the following paper.

*Mr. President :*

Regent Grant in referring to my services as accountant makes a statement which conveys a false impression. Briefly I will state the facts: I was written to by Wm. L. Webber to meet with him and the Executive Committee, in Ann Arbor. I did so. At said meeting, Mr. Webber insisted upon my assisting as an accountant. I declined to act unless paid for my services, and then and there, the Hon. Wm.

L. Webber drew up a resolution employing me as accountant, which resolution was passed and then signed by the numbers of the Executive Committee present. I then worked under direction of the counsel for the Board of Regents.

On page 256 will be found the amount paid to me of \$739.29 for services as accountant and expenses. It was adopted by the following vote: Ayes—Regents Rynd, E. C. Walker, Cutcheon, S. S. Walker, Duffield and Maltz; not voting—Regent Climie. On the same day and at the same time, I was employed by the Board of Regents without an dissenting vote to assist the Counsel of the Board as accountant and for such services presented my account, (see voucher No. 424), which voucher is countersigned by Secretary Bennett and also President Angell, and which voucher has since been passed upon by a unanimous vote of the Board.

On motion of Regent Grant, the paper just read by Regent Climie was accepted and ordered to be printed in the minutes.

The following paper was received and read by Regent Rynd. On his motion it was accepted and ordered printed in the minutes:

*To the Honorable the Board of Regents of the University of Michigan:*

GENTLEMEN—I am informed that a certain member of your honorable body has made certain charges against me, claiming them to be new.

I desire to say—

1st. Each one of said charges has been fully traversed and denied, and fully proved to be false heretofore.

2d. I now and here give a most *emphatic denial to each and every one of said charges.*

However, if any new testimony has been discovered I am anxious to meet it, and therefore hope that your honorable body will not adjourn without giving an opportunity for those making the charges to produce the proof to establish it, and me an opportunity to reply.

Yours respectfully,

P. B. ROSE.

ANN ARBOR, October 22, 1879.

Regent Rynd submitted the following preamble and resolution:

WHEREAS, Regent C. B. Craut has presented a paper for the consideration of this Board, claiming that certain new and important facts have been discovered, touching the case of Preston B. Rose, and,

WHEREAS, In the judgement of this Board, the matters now presented have been already fully traversed—Prof. Estabrook, the Prin-



cial of the Normal School, having acted on a committee of investigation, and Prof. Watson having given evidence heretofore in the case, and neither party either presented or pretended to know of the alleged new facts or evidence; and,

WHEREAS, The late unfortunate difficulties, which has agitated the University, successive Legislatures and the people of the State, should not be referred to a new Board, to disturb its harmony, and reproduce with aggravated bitterness, the dissension of the past four years; and

WHEREAS, It was the evident intention of the people in the election of the incoming Regents to avoid any such calamity to the University by the election of distinguished men who were, at least, supposed to be free from prejudice, and to have had no relation to the then existing difficulties; and,

WHEREAS, Preston B. Rose expresses his earnest desire to at once meet any new testimony, which may be brought against him, therefore,

*Resolved*, That we desire an immediate investigation of any new alleged facts which may be presented; that feeling it to be our duty to the University, and an act of justice to the accused, to proceed at once with such investigation; we now demand an immediate presentation of the case.

At the conclusion of Regent Rynd's remarks on the preambles and resolution submitted by him, an aye and nay vote was taken with the following result:

Ayes—Regent Rynd, Climie, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker.

The resolution of Regent Rynd was declared lost.

Regent Rynd submitted the following resolution:

*Resolved*, That when the Board adjourns it so stand till 2d December, at 10 A. M., to hear and determine the charge presented by Regent Grant against P. B. Rose.

Pending a vote on Regent Rynd's resolution, Regent Grant submitted the following amendment:

That Regents Cutcheon, E. C. Walker and Climie be appointed a Committee to take testimony in regard to said charges and report it to this Board at that time.

An aye and nay vote on Regent Grant's amendment was called for, and the result was as follows:

Ayes—Regents Grant, E. C. Walker, and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

Not voting—Regent Cutcheon.

The amendment of Regent Grant was declared lost.

The question recurring on the adoption of Regent Rynd's resolution, it was lost by the following vote :

Ayes—Regents Rynd, Clinie, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker.

The following preamble and resolution were submitted by Regent Rynd :

WHEREAS, This Board unanimously resolved at the March, 1877, meeting " that our counsel be instructed that it is not the wish of this Board to incur the expense of an appeal to the Supreme Court," and, further, " that the services of counsel being no longer necessary, all counsel be and are hereby discharged, " and

WHEREAS, Further, the amounts paid to lawyers by this Board in the recent litigations aggregated not far from \$5,000; and

WHEREAS, Any further expenditure of money for the purpose of litigation would be an unwarrantable waste of public funds, and

WHEREAS, The Supreme Court will have the necessary facts before them, and cannot be supposed to be improperly influenced as against the University by any arguments which may be presented; therefore,

*Resolved*, That no further expense be incurred for the employment of counsel, and that the services of all counsel be dispensed with in relation to the case.

At the close of Regent Rynd's remarks in support of the resolution submitted by him, and pending a vote thereon, Regent Cutcheon submitted the following resolution as a substitute :

*Resolved*, That this Board consents that the Supreme Court may dispense with the printing the record in the case of the Regents of the University vs. Silas H. Douglas et al., either in whole or in part, as to said court shall seem proper.

At the close of the discussion on the resolution presented by Regent Cutcheon as a substitute for that of Regent Rynd and pending a vote thereon, Regent Rynd submitted the following amendment :

*Resolved*, In amendment that this Board has no disposition to interfere with, or in any sense influence the action of the court, and, therefore, deems it unnecessary to either pass any resolution or engage in any stipulation touching the case.

At the close of a brief discussion, Regent Rynd moved the adoption of the amendment submitted by him, and called for an aye and nay vote thereon. The vote was ordered and the result was as follows:

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker.

The amendment of Regent Rynd was lost.

Regent Cutcheon called for an aye and nay vote on the resolution submitted by him as a substitute for Regent Rynd's.

The roll was called and the result was as follows:

Ayes—Regent Grant, E. C. Walker, Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The question recurring upon the original resolution submitted by Regent Rynd, an aye and nay vote was demanded, and the following was the result:

Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker and S. S. Walker.

The resolution of Regent Rynd was adopted.

Regent Cutcheon submitted the following resolution, and urged its adoption:

*Resolved*, That this Board consents that the Supreme Court may dispense with the printing the record in the case of the Regents of the University vs. Silas H. Douglas et al., either in whole or in part, as to said court shall seem proper.

An aye and nay vote was called for, with the following result:

Ayes—Regents Grant, E. C. Walker, Cutcheon, and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The resolution of Regent Cutcheon was declared lost.

Regent Grant called up the resolution submitted by him yesterday relative to charges vs. Dr. P. B. Rose, and asked that an aye and nay be taken on its adoption. Agreed to.

The roll being called, the result was as follows:

Ayes—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The resolution was lost.

Regent Grant now called up the resolution submitted by him relative to the discharge of the decree rendered by the Circuit Court for the County of Washtenaw in Chancery in favor of the Board and against Preston B. Rose and Rice A. Beal for the sum of \$4,664.40, and which was made the special order for 9 o'clock A. M. to-day, and moved its adoption.

Pending a vote on Regent Grant's resolution, Regent Cutcheon moved that it be indefinitely postponed.

An aye and nay vote on Regent Cutcheon's motion was called for with the following result :

Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker, and S. S. Walker.

The motion of Regent Cutcheon prevailed, and the resolution of Regent Grant was indefinitely postponed.

On motion of Regent Grant the resolution presented by him at last evening's session of the Board, relative to "R. A. Beal and the Steere collection," was taken up, and without discussion Regent Grant moved that it be indefinitely postponed.

The motion prevailed by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

A communication from Dr. P. B. Rose was received and read by Regent Rynd. Regent Cutcheon moved that the communication just read be accepted and placed on file. Agreed to.

Regent Rynd presented a communication from the Dean of the Homœopathic Medical Faculty, which was accepted.

On motion, the Board took a recess to 2 o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, October 22, 1879. }

The Board of Regents reassembled in the room of the President at 2 o'clock P. M.

Present, a full Board.

At the close of a brief discussion, Regent Rynd moved the adoption of the amendment submitted by him, and called for an aye and nay vote thereon. The vote was ordered and the result was as follows :

Ayes—Regents Rynd, Climie, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker.

The amendment of Regent Rynd was lost.

Regent Cutcheon called for an aye and nay vote on the resolution submitted by him as a substitute for Regent Rynd's.

The roll was called and the result was as follows :

Ayes—Regent Grant, E. C. Walker, Cutcheon and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The question recurring upon the original resolution submitted by Regent Rynd, an aye and nay vote was demanded, and the following was the result :

Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker and S. S. Walker.

The resolution of Regent Rynd was adopted.

Regent Cutcheon submitted the following resolution, and urged its adoption :

*Resolved*, That this Board consents that the Supreme Court may dispense with the printing the record in the case of the Regents of the University vs. Silas H. Douglas et al., either in whole or in part, as to said court shall seem proper.

An aye and nay vote was called for, with the following result:

Ayes—Regents Grant, E. C. Walker, Cutcheon, and S. S. Walker.

Nays—Regents Rynd, Climie, Duffield and Maltz.

The resolution of Regent Cutcheon was declared lost.

Regent Grant called up the resolution submitted by him yesterday relative to charges vs. Dr. P. B. Rose, and asked that an aye and nay be taken on its adoption. Agreed to.

The roll being called, the result was as follows :

Ayes—Regents Grant, E. C. Walker, Cutcheon and S. S. Walker,

Nays—Regents Rynd, Climie, Duffield and Maltz.

The resolution was lost.

Regent Grant now called up the resolution submitted by him relative to the discharge of the decree rendered by the Circuit Court for the County of Washtenaw in Chancery in favor of the Board and against Preston B. Rose and Rice A. Beal for the sum of \$4,664.40, and which was made the special order for 9 o'clock A. M. to-day, and moved its adoption.

Pending a vote on Regent Grant's resolution, Regent Cutcheon moved that it be indefinitely postponed.

An aye and nay vote on Regent Cutcheon's motion was called for with the following result :

Ayes—Regents Rynd, Climie, Cutcheon, Duffield and Maltz.

Nays—Regents Grant, E. C. Walker, and S. S. Walker.

The motion of Regent Cutcheon prevailed, and the resolution of Regent Grant was indefinitely postponed.

On motion of Regent Grant the resolution presented by him at last evening's session of the Board, relative to "R. A. Beal and the Steere collection," was taken up, and without discussion Regent Grant moved that it be indefinitely postponed.

The motion prevailed by the following vote :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

A communication from Dr. P. B. Rose was received and read by Regent Rynd. Regent Cutcheon moved that the communication just read be accepted and placed on file. Agreed to.

Regent Rynd presented a communication from the Dean of the Homœopathic Medical Faculty, which was accepted.

On motion, the Board took a recess to 2 o'clock P. M.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, October 22, 1879. }

The Board of Regents reassembled in the room of the President at 2 o'clock P. M.

Present, a full Board.

By permission, Dr. C. L. Ford, Dean, appeared before the Board and made a statement relative to the needs of the Department of Medicine and Surgery. He stated that the most pressing want of that department was assistance in the Demonstrator's room. Dr. W. J. Herdman, Demonstrator, being present was also permitted to state his views upon the subject discussed by the Dean of the Faculty. At the close of the remarks of Dr. Herdman Regent Grant submitted the following resolution, which was adopted :

*Resolved*, That the sum of \$500, or so much thereof as may be necessary be and hereby is appropriated for the pay of Assistant Demonstrators of Anatomy, to be expended under the direction of the Dean of the Medical Faculty and the Demonstrator of Anatomy.

The vote on the adoption of Regent Grant's resolution was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutch-  
eon, S. S. Walker, Duffield and Maltz.

Nays—None.

The following resolution was presented by Regent S. S. Walker :

*Resolved*, That the President and Prof. Steere be and are hereby appointed a Special Committee to employ such suitable Taxidermist to work on the collections of the University as in their judgment may be for the best interest of the University. The expense of such services not to exceed the sum of six hundred dollars.

(Signed)

S. S. WALKER,

A. CLIMIE,

B. M. CUTCHEON.

The vote on the adoption of Regent Walker's resolution was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutch-  
eon, S. S. Walker, Duffield and Maltz.

Nays—None.

The following communication was submitted by Regent Maltz :

ANN ARBOR, October 21, 1879.

*To the Honorable Board of Regents :*

Having received the appointment of "bookkeeper and dispensing chemist in the Chemical Laboratory—subject to the action of the

Regents in October"—on the 25th of July last, I entered upon my duties in that capacity October 1, and have discharged them to the best of my ability to this date. But because of the arduous labor that falls to one in that position and the desire to further prosecute my studies in another department, I would beg leave to decline the appointment, trusting that I may be relieved from duty as soon as possible.

Respectfully yours,

D. EDWARD OSBORNE.

Regent Maltz submitted the following resolution, which was adopted :

*Resolved*, That the resignation of D. Edward Osborne be and hereby is accepted, to take effect from this date.

Regent Climie submitted the following preamble and resolution :

WHEREAS, D. Edward Osborne has performed services as accountant in the Chemical Laboratory, therefore,

*Resolved*, That he be paid for such services the sum of forty-one and twenty-five-one-hundredths dollars (\$41.25).

Adopted by vote as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

Regent Maltz submitted the following resolution, which was adopted :

*Resolved*, That E. Fred. Wood be and he is hereby appointed dispensing clerk in the Laboratory at a salary of six hundred dollars per annum, to enter upon his duties at once.

The vote on the adoption of the above resolution was as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Maltz.

Nays—None.

Regent E. C. Walker presented the following resolution, which was adopted :

*Resolved*, That Miss Elizabeth C. Almendinger be employed for one calendar year, from October 1, 1879, to arrange the botanical specimens of the University, at a salary of \$300 per annum.

The following is the vote on the adoption of Regent Walker's resolution :



Ayes—Regents Grant, Rynd, E. C. Walker, Climie. Cutch-eon, S. S. Walker, Duffield and Maltz.

Nays—None.

Professor Worman, of Detroit, appeared and was introduced to the Board by Regent Rynd. The Regent stated that Professor Worman desired to address the Board briefly relative to the advantages of establishing a Chair of Elocution in the University.

Permission was granted. At the close of his remarks Regent Rynd moved that any and all papers submitted to the Board by Professor Worman be referred to the Committee on the Literary Department. Agreed to.

The following resolution, submitted by Regent Grant, was adopted :

*Resolved*, That the question of the prices of chemicals be referred to the Finance Committee with instructions to establish them or fix some basis for the price of such chemicals.

Regent Climie, presented the following resolution :

*Resolved*, That the Treasurer is hereby authorized to transfer the sum of five hundred dollars from the general fund to the Homœopathic Hospital equipment fund to be used, or so much thereof as may be necessary for said equipment, under the direction of a Committee consisting of Pres. Angell, Secretary Bennett, Treasurer Tolchard and Regent Climie, said sum of money to be reimbursed to the general fund from the Homœopathic fund as soon as the same becomes available.

The resolution was adopted by vote, as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutch-eon, S. S. Walker, Duffield and Maltz.

Nays—None.

The following preamble and resolution presented by Regent Duffield was unanimously adopted :

WHEREAS, The original resolution referring the revision of the By-Laws to the Executive Committee has been lost, and is no longer to be found on the record ; and

WHEREAS, In consequence of said laws there is some discrepancy of opinion among the members of the Committee as to their rights and powers in this matter ; therefore

*Resolved*, That the whole subject of the By-laws, including the By-Laws recently printed, be referred to the Executive Committee for revision, amendment and suggestion of additional By-Laws, as they may deem expedient, to make a full report at the March meeting of the Board.

Regent S. S. Walker submitted the following resolution, which was adopted unanimously.

*Resolved*, That the Dispenser of Chemicals be authorized to call the services of Michael Condon, Janitor, to his assistance when necessary and when compatible with Condon's other duties.

Regent Climie presented the following resolution :

*Resolved*, That the sum of two hundred fifty-six and ninety-four onehundredths dollars be and is hereby appropriated for Regents' expenses.

Adopted by vote as follows :

Ayes—Regents Grant, Rynd, E. C. Walker, Climie, Cutch-eon, S. S. Walker, Duffield and Maltz.

On motion the Board adjourned.

H. D. BENNETT,  
Secretary.







## MARCH MEETING.

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UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, Tuesday, March 23, 1880. }

The Board of Regents assembled in the room of the President at 10 o'clock A. M.

Present, the President, Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

Absent, Regent Cutcheon.

The minutes of the last meeting were approved as printed.

Regent Duffield submitted the following resolution, which was adopted:

*Resolved*, That Regents Climie, S. S. Walker and Van Riper be a committee to nominate Standing Committees, and to take into consideration any suggestions as to any changes in names and duties of said Committees.

On motion of Regent E. C. Walker, the Board went into executive session, and after having spent some time therein, resumed business in open session.

Professor C. L. Ford was granted permission to appear before the Board for the purpose of making a verbal statement relative to the time spent and the duties performed by him in the Department of Medicine and Surgery at the present time, and asked leave to close his course of lectures with the current month as heretofore, and that he be granted leave of absence for the remainder of the year.

On motion of Regent Duffield, the request for leave of absence, made by Professor Ford, was referred to the Committee on the Medical Department.

The question of providing ways and means for strengthening some of the iron girders in the new Museum building, if deemed necessary, came up for discussion by the Board.

On motion of Regent Grosvenor, the matter was referred to

the Building Committee, with instructions to report at the present meeting of the Board.

The following communication from the Dean of the College of Dental Surgery was received and read by Regent S. S. Walker:

ANN ARBOR, March 23, 1880.

*To the Honorable Board of Regents, University of Michigan:*

The following named persons having complied with the requirements of this institution, are recommended by the Faculty of the Dental College, subject to your approval, for the degree of "*Doctor of Dental Surgery.*"

Respectfully,

J. TAFT, Dean.

William Berry Armendt,  
Thomas Wesley Beckwith,  
Uriah Dildine Billmeyer,  
William Fairman Bradner,  
George Heart Brown,  
David Ethelbert Callaghan,  
John Peter Carmichael,  
Suel Erastus Clark,  
Williams Donnally,  
Henry Edgar Dunn,  
Alma W. E. Fuellgraff,  
Frank F. Hoyer,  
Alfred Wright Hoyt,  
Ormand Courtland Jenkins,  
Augustus Churchill Johnson,  
George Frederick Kimball,  
Thomas Chalmers Leiter,

Frank Flavius Little,  
Amos Marion Long,  
Ossian C. Moon,  
Arthur Clayton Nichols,  
Evelyn Pierrepont,  
Douglas Potterf,  
William John Poyser,  
John Nelson Reynolds,  
Collins McKnight Roe,  
Ira Emmitt Sampsell,  
Charles Edwin Stroud,  
Immer C. St. John,  
Maurice James Sullivan,  
Oliver Stacy Voak,  
Julius Charles Waldron,  
Wilbur Silvius Whisler,  
Robert Addison Young.

At the close of the reading of the above paper, Regent S. S. Walker presented the following resolution, which was adopted:

*Resolved*, That the Degree of Doctor of Dental Surgery be and hereby is granted and ordered to be conferred upon the candidates named in the communication from the Dean of the Faculty of the College of Dental Surgery.

Regent Climie, Chairman of the Finance Committee, read a "Special Report and Comparative Statement of the amount of money received and disbursed from the year 1876-77, to and including the year 1879-80," which, on motion, was accepted and laid on the table for the time.

Regent E. C. Walker submitted the following resolution, and

pending the vote on its adoption, made some interesting remarks relative to the wishes of the donor, at the close of which, the resolution was unanimously adopted, as follows:

*Resolved*, That the gift to the University of 22 lots upon the "Reeder Farm," in Detroit, by Walter Crane, Esq., of that city, be accepted by the Board with hearty thanks, and that the deed of the same be put on record.

A communication from Dr. A. B. Prescott was received, and referred to the Committee on the Chemical and Pharmaceutical Department.

A communication from Professor J. W. Langley was also received, and on motion, was referred to the Committee on Medical Department.

On motion of Regent E. C. Walker, the Board took a recess to 7½ o'clock P. M.

TUESDAY, March 23, 1880.

The Board of Regents reassembled in the room of the President at 7½ o'clock P. M.

Present, a full Board.

The following report from the Special Committee appointed to report a recast of the Standing Committees of the Board, was read by Regent Climie, and on motion of Regent S. S. Walker, it was adopted:

The Committee to whom was referred the matter of a recast of the Standing Committees of the Board, submit the following report, and recommend its adoption:

*Executive Committee*—The President, Regents Cutcheon, Duffield and Shearer.

*Finance*—Climie, Grosvenor and E. C. Walker.

*Literary Department*—Cutcheon, Duffield and Grosvenor.

*Law Department*—Van Riper, E. C. Walker and Shearer.

*Medical and Dental Departments*—Grosvenor, Climie and Van Riper.

*Library*—Duffield, Cutcheon, S. S. Walker and the President.

*Museum, School of Mines and Observatory*—S. S. Walker, Van Riper and Cutcheon.

*Chemical and Pharmaceutical Departments*—E. C. Walker, Shearer and Duffield.

*Buildings and Grounds*—Shearer, S. S. Walker and Climie.

ANDREW CLIMIE,  
SAMUEL S. WALKER,  
J. J. VAN RIPER.



The President stated that he held in his hand several communications which he desired to submit to the Board for consideration, and suggested their reference to appropriate committees. There being no objection, the papers were so referred.

Regent Cutcheon stated that he was in receipt of a communication from Assistant Professor J. B. Davis, and with the permission of the Board, he would read it. Permission was granted, and on motion, it was referred to the Committee on Buildings and Grounds.

Regent E. C. Walker submitted the following resolution, which was unanimously adopted:

*Resolved*, That the hearty thanks of the Board be given to A. E. Richards, now in Europe, for the successive gifts to the University of a large number of valuable coins.

*Resolved*, That said coins be properly arranged and classified in the Museum, and that they be named and known as the "Richards Collection of Coins."

The following communication from the Dean of the Faculty of the Department of Law, also the resolution from the Committee on that department, were submitted by Regent Van Riper, and on his motion the resolution was adopted:

*Resolved*, That the degree of Bachelor of Law be and is hereby conferred upon each of the persons named in the above communication from the Dean of the Faculty of Law, in accordance with the recommendation of that Faculty.

Dated, March 23, 1880.

JACOB J. VAN RIPER,

E. C. WALKER,

JAMES SHEARER,

Committee on Law Department.

UNIVERSITY OF MICHIGAN,  
ANN ARBOR, March 23, 1880. }

*To the Board of Regents:*

I am instructed by the Faculty of Law to report to you that the following named persons have passed their examinations and complied with the regulations entitling them to the degree of Bachelor of Laws, and that the Faculty recommend that that degree be conferred upon them :

NAME.	RESIDENCE.
Frank Christian Alger,	Lowell.
Alvord John Althouse,	Turney, Mo.
Alexis Caswell Angell, B. A., Att'y,	Ann Arbor.

NAME.	RESIDENCE.
Clarence William Ashford, . . . . .	Pinckney.
William Lamond Axford, . . . . .	Flint.
Alfred Jerome Babcock, . . . . .	Saginaw.
Stephen Milburn Bailey, B. S., . . . . . McKendree College.	Lebanon, Ill.
James Wesley Bateman, . . . . .	Walled Lake.
Joseph Hamilton Bayes, B. S., . . . . . National Normal College.	Wagram, O.
William Davidson Beckett, . . . . .	Hamilton, O.
Cora Agnes Benneson, B. A., . . . . .	Quincy, Ill.
Frank Ellis Berdan, . . . . .	Northfield, Minn.
George Greenwood Bingham, . . . . .	McMinnville, Oregon.
Oliver Hazard Bogue, B. S., Att'y, . . . . . Earlham College.	Richmond, Ind.
Samuel Martin Brenneman, . . . . .	Orville, O.
David Brickles, . . . . .	Ann Arbor.
Daniel Edgar Brong, . . . . .	Republic, O.
Andrew Brown, B. A., Att'y, . . . . . Oberlin College.	Newark, Ill.
David Browne, . . . . .	Kéokuk, Ia.
Robert Emmett Bunker, M. A., Att'y, . . . . .	Muskegon.
Isidore Sumner Burnstine, . . . . .	Detroit.
John H. L. Busby, Att'y, . . . . .	Lebanon, Ind.
Hiram Horace Calvin, B. S., Att'y, . . . . . National Normal School, O.	Byron, O.
Alexander Camp, . . . . .	Sandusky, O.
William Carpenter, Ph. B., Att'y, . . . . .	Farwell.
William Luke Chapman, . . . . .	Raymond, Ill.
Samuel Tompson Cochran, . . . . .	Vincennes, Ind.
Earl Benjamin Coe, . . . . .	Otisville.
Sylvester Cole, Att'y, . . . . .	Pontiac.
George Edward Coleman, Att'y, . . . . .	Germans, O.
George Mathew Cone, Att'y, . . . . .	Rochester, N. Y.
Oliver Ritchey Cooke, . . . . .	Cross Creek, Penn.
Roscoe LaForest Corbett, . . . . .	Grand Haven.
James Franklin Cox, Att'y, . . . . .	Martinsville, Ind.
William E. Cox, . . . . .	Cambridge City, Ind.
Henry Justin Curran, . . . . .	Reading.
Andrew Lord Deuel, Att'y, . . . . .	Detroit.
Francis Henry Dodds, . . . . .	Mount Pleasant.
Harry L. Donham, Att'y, . . . . .	Terre Haute, Ind.
Charles Thomas Donnelly, . . . . .	Ann Arbor.
Lucien Fred Easton, . . . . .	Chatfield, Minn.

NAME.	RESIDENCE.
William Jenkins Elliott, . . . . .	Sedan, Kansas.
Kirk Hart Field, . . . . .	Albion, N. Y.
Charles Sumner Finch, . . . . .	Paola, Kansas.
Frank Emerson Fogg, . . . . .	West Hopkinton, N. H.
William Henry Freeman, . . . . .	Milo, Maine.
Fremont Frank French, Att'y, . . . . .	Hastings.
Myron Hela French, Att'y, . . . . .	Clymer, N. Y.
William Lewis Dayton French, . . . . .	Freeport, Ill.
Fred R. Gartner, . . . . .	Detroit.
Bemus Upton Gay, . . . . .	Quincy.
Charles Elwin George, Att'y, . . . . .	Woodville, N. H.
John Henry Glade, . . . . .	Chicago, Ill.
George Washington Godfroy, Att'y, . . . . .	Monroe.
James Calvin Gray, B. S., Att'y, . . . . .	Martin's Ferry, O.
Muskingum College.	
Willard Elihu Gray, . . . . .	Galesburg.
Jerome Bonaparte Grigg, . . . . .	Pemberton, N. J.
Philo Hamilton Hackett, . . . . .	Rochester, Minn.
Abram Stephenson Hall, . . . . .	Armada.
Lewis Theodore Hamilton, . . . . .	Altoona, Penn.
Jesse Davis Hamrick, Att'y, . . . . .	Danville, Ind.
Henry Wilson Hannum, . . . . .	Streetsboro, O.
Almon Fremont Hanson, . . . . .	South Pultney, N.Y.
Francis Harbaugh, . . . . .	Sullivan, Ill.
Anson Church Harding, . . . . .	Flora, Ill.
Ralph Denison Harris, . . . . .	Almont.
Jesse Monroe Hatch, . . . . .	Marshall.
William Beasley Hayes, Att'y, . . . . .	Detroit.
Sumner Watson Haines, Att'y, . . . . .	Portland, Ind.
Thomas Lorenzo Heaton, Att'y, . . . . .	Potsdam, N. Y.
John Henry Hill, . . . . .	Gold Hill, Nevada.
Isaac Lea Hillis, B. S., . . . . .	Des Moines, Ia.
La Grange College, Mo.	
Henry Hinds, . . . . .	Shakopee, Minn.
Almon Cassius Hiscock, . . . . .	Earlville, Ill.
Christopher Columbus Holland, . . . . .	Arkansas City, Kan.
John Alexander Houlahan, . . . . .	Papineau, Ill.
Newberry P. Howe, . . . . .	London, Ind.
Franklin College.	
William E. Howells, Att'y, . . . . .	Youngstown, O.
William Cusick Hudson, . . . . .	Blanchester, O.
James Bushfield Jackson, Att'y, . . . . .	Cannonsburg, Penn.
Julius M. Jamison, Att'y, . . . . .	Fort Wayne, Ind.

NAME.	RESIDENCE.
Fletcher Webster Jewell, . . . . .	Ann Arbor.
Charles Johnston, . . . . .	Darlington, Ind.
Solomon Johnson, Att'y, . . . . .	Stryker, O.
Russell Marion Kellogg, . . . . .	Mount Clemens.
Maud Annie Kelsey, . . . . .	Ann Arbor.
Clarence Alvaro Kenyon, . . . . .	Lincoln, Ill.
Henry B. Kidd, . . . . .	Yazoo, Miss.
John Kincaid, . . . . .	Orion, Ill.
George Onslow Kinsman, . . . . .	North Thetford, Vt.
Rodman H. Lanphere, Att'y, . . . . .	Ann Arbor.
Marion Franklin Leasure, B. S., Kansas Agricultural College.	La Cygne, Kan.
Henry Lewellyn, . . . . .	Ann Arbor.
James Parmelee Logan, . . . . .	Mount Holly, N. J.
Charles Adelbert Lyon, . . . . .	Three Rivers.
John W. Maher, . . . . .	Streator, Ill.
Frank L. Maine, Att'y, . . . . .	Perryville, N. Y.
Horace Harrison Markham, Att'y, . . . . .	Pontiac.
Alfred Foote Maynard, . . . . .	Marquette.
Allen Robert McBroom, . . . . .	Logan, O.
Isaac Thomas McCarty, Att'y, . . . . .	Greencastle, Ind.
William Turlett McClenaghan, . . . . .	West Rushville, O.
Daniel Marion McClung, . . . . .	Hamilton, O.
Porter James McCumber, . . . . .	Rochester, Minn.
William Lincoln McKay, B. A., Cornell University.	Des Moines, Ia.
D. Stuart McLure, . . . . .	Ann Arbor.
Matthew McMillen, . . . . .	Detroit.
Robert Henry McMurdy, . . . . .	Niles.
G. De Rue Meiklejohn, . . . . .	Weyauwega, Wis.
J. G. Henry Melcher, . . . . .	Cleveland, O.
Alexander Howard Melich, B. A., Muskingum College, O.	Sego, O.
Benjamin Franklin Mickey, . . . . .	Keithsburg, Ill.
Mortimer Craig Miller, . . . . .	Pittsburgh, Penn.
Arthur Parker Mitchell, . . . . .	Chicago, Ill.
Franklin P. Monfort, . . . . .	Fraser.
Charles Edwin Monroe, B. A., Oberlin College.	Oberlin, O.
Jay Randolph Monroe, B. S., Att'y, . . . . .	South Haven.
Michigan Agricultural College.	
James William Murphy, Att'y, . . . . .	Platteville, Wis.
James Nugent, . . . . .	Cannonsburg, Penn.

NAME.	RESIDENCE.
William S. O'Rourke, Att'y,	Fort Wayne, Ind.
Francis Marion Osborne,	Saint Johns.
Walter Dallas Ouzts,	Edgefield, S. C.
Frank Wilson Parker,	Sturgis.
Alanson Lloyd Parsons, Att'y,	Keokuk, Ia.
George Fremont Peabody, Att'y,	Gardner, Mass.
Almon Adolphus Pearsoll,	Sharon Centre, Penn.
Jacob J. Pittman,	Lionsville, Ind.
William Andrew Porter, Att'y,	Paola, Kan.
Pitt Potter,	Watertown.
William John Rainey,	York.
William Randall Ramsey,	London, Ky.
Elias Christy Redman, B. A.,	Quincy, Ill.
Christian University.	
Edmund Phares Rice, Att'y,	Midland City.
Charles Benson Robbins,	Freelandville, Ind.
Andrew Cant Robertson, Att'y,	Massillon, O.
William Everett Ross, Att'y,	Frankfort, Ind.
Dwight Dorr Root,	Bennington.
John Milton Russell, Att'y,	Owosso.
Walter Bell Scaife,	Pittsburgh, Penn.
Frank Revere Sedgwick,	Martin's Ferry, O.
Allen Roswell Shaffer,	Romeo.
Frank Holmes Shaffer, B. A.,	Hamilton, O.
Yale College.	
Victor E. Shaw,	McMinnville, Oregon.
Elroy Delos Sherman, B. S.,	Cleveland, O.
Cornell University.	
John Neil Sinclair,	Guilds, Ontario.
Thomas Morrison Sloane, B. A.,	Sandusky, O.
Harvard University.	
Henry Adelmon Smith,	Oregon, Ill.
William Foster Smythe,	Oscala, Fla.
Ole Lynn Snyder, B. S.,	Port Allegheny, Pa.
Central Normal School.	
Charles Henry Soper, B. A.,	Fleetville, Penn.
Mount Union College.	
Lynn Tew Sprague,	Jamestown, N. Y.
Milton Moses Starr, Att'y,	Bainbridge, Mo.
George Henry Stephenson,	Neponset, Ill.
Will John Stevenson,	Jacksonville, Ill.
Hernando D. Stover,	Monroe.
William Galloway Strannahan,	Northfield, Minn.

NAME.	RESIDENCE.
Walter Harford Taylor, . . . . .	Huntsville, Mo.
George Washington Tharp, . . . . .	Pataskala, O.
Charles Thad Thompson, . . . . .	Detroit.
Lee Tucker, . . . . .	Eugene, Ill.
Newet James Vick, M. A., . . . . .	Vicksburg, Miss.
Southern University, Ala.	
Isaac Clinton Wade, . . . . .	Watseka, Ill.
Arthur Guernsey Waterman, . . . . .	Athens.
Elmer Randolph Webster, B. A., . . . . .	White Lake.
William Arnold Weeks, . . . . .	Jewett City, Conn.
Richard Opydyke Welts, . . . . .	Macomb.
Geordie Z. Whitney, B. A., . . . . .	Oberlin, O.
Oberlin College.	
Nathan Stone Williams, B. A., . . . . .	Pittsburgh, Penn.
Amherst College.	
Claude Lorraine Williams, . . . . .	Kenton, O.
Cyrus Edwin Willoughby, . . . . .	Troy, Ill.
James Winans, . . . . .	Xenia, O.
Edward Emil Witchi, . . . . .	Minneapolis, Minn.
Israel Long Witmyer, M. E., . . . . .	Ann Arbor.
Pennsylvania State Normal School.	
Oliver Russell Wood, . . . . .	Martin's Ferry, O.
John Warren Woody, M. A., Att'y, . . . . .	Oskaloosa, Ia.
National Normal School, O.	

T. M. COOLEY, Dean.

Regent Cutcheon submitted the following resolution, which was adopted:

*Resolved*, That Professor W. H. Payne, of the chair of the Science and Art of Teaching, have leave of absence beyond the three days provided by the by-laws, for the purpose of attending Teachers' Institutes in this State, whenever in the judgment of the President it can be done without detriment to his work in the University.

B. M. CUTCHEON,

Chn. Com. on Dept. of L., S. and A.

Regent Cutcheon submitted the following resolution:

*Resolved*, That the Treasurer of the University be authorized in behalf of this Board to subscribe for one copy of Professor Hitchcock's Geological Map of the United States, at the price of \$50, for use in the Department of Geology.

B. M. CUTCHEON,

Chn. Com. on Dept. of L., S. and A.

The vote on the adoption of the above resolution, was as follows:

Ayes—Regents E. C. Walker, Climie; Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

Nays—None.

Regent E. C. Walker stated that Professor Prescott was present, and would (if desired by the Board to do so) give his views briefly relative to the need and importance of the contemplated Laboratory enlargement. Permission was granted, and at the close of his remarks, Regent S. S. Walker presented the following resolution, which was adopted:

*Resolved*, That the Committee on Buildings and Grounds be and are hereby directed to procure plans for enlarging the Laboratory, and estimates for the same, and to report at as early a day as practicable.

The following is the vote on the adoption of Regent S. S. Walker's resolution:

Ayes—Regent E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

Nays—None.

Regent S. S. Walker moved that the Board do now go into executive session. Agreed to.

At the close of the executive session, the Board adjourned to 10 o'clock A. M., Wednesday.

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UNIVERSITY OF MICHIGAN,  
Wednesday, March 24, 1880. }

The Board of Regents reconvened in the room of the President at 10 o'clock A. M.

Present, a full Board except Regent Van Riper.

Regent Cutcheon stated that the Commencement exercises of the Department of Law occurred at half-past 10 o'clock to-day, and that he desired particularly at this time to be present. He also thought that the other members of the Board would be gratified to be in attendance. He therefore moved that the Board do now take a recess until the close of the Commencement exercises now about to occur. The motion prevailed.

At the close of the exercises in the Hall, the Board immediately reassembled in the room of the President in open session.

Regent Climie submitted a report from the Treasurer, giving in detail the receipts and disbursements of money from July 1, 1879, to March 20, 1880, which was accepted and ordered placed on file.

Professor E. S. Dunster, on his request, was granted leave of absence to attend the National Association of Physicians, which is to convene in Buffalo, N. Y., in June next.

Regent Grosvenor reported the resignation of Dr. Charles Gatchell, of the Homœopathic Medical College, and moved its acceptance. The motion prevailed.

The following report was read by Regent Cutcheon, and adopted:

The Executive Committee, to whom was referred the matter of reviving the School of Architecture, would respectfully report that in view of the very large expenditures likely to be required for the completion and equipment of the new Museum building, and the necessity for the immediate enlargement of the Chemical Laboratory, and other reasons which at present embarrass our action, the Committee has taken no steps toward the reinauguration of that School, and do not deem it expedient to take any such action at present.

B. M. CUTCHEON,  
GEORGE DUFFIELD,  
JAMES SHEARER,  
Executive Committee.

The following communication and report was submitted by Regent Duffield:

UNIVERSITY OF MICHIGAN, }  
March 15, 1880.

*To the Board of Regents:*

We beg to indicate to the Government of the University the desirableness of providing a moderate outfit for photographic purposes. The applications of photography have become so frequent and so various that there is scarcely a department or chair in the University, upon which photography is not capable of conferring important aid. We find, accordingly, that in all the newly organized museums and laboratories for scientific work, a photographic laboratory is made an adjunct.

Knowing that the Board of Regents desire to take every forward step sanctioned by considerations of utility and economy, we adopted measures, some months since, to ascertain precisely what the contemplated laboratory would require, and what expense would be incurred. We ascertained that the total expense of the optical and manipulating



apparatus, together with a moderate supply of materials for consumption, would amount to about \$260. We are prepared to submit the items in detail.

We learn that the requisite arrangements for space in the museum building can be easily effected.

We shall be pleased severally to confer with the Board in reference to the special utilities of the contemplated laboratory, in connection with our respective chairs, and in reference to photographic operations, responsibility for the property, and other subjects.

We ask for an appropriation of \$260 for this object, and the passage of a resolution authorizing the preparation of a suitable apartment in the new museum.

Respectfully,

A. WINCHELL,

Professor of Geology and Palæontology.

J. B. STEERE,

Professor of Zoology.

CHAS. H. STOWELL,

Lecturer on Physiology and Histology.

WM. H. PETTEE,

Professor of Mineralogy and Econ. Geology.

JOHN W. LANGLEY,

Professor of General Chemistry.

MARK W. HARINGTON,

Professor of Astronomy.

CHARLES K. WEAD,

Acting Professor of Physics.

VOLNEY M. SPALDING,

Assistant Professor of Botany.

ALBERT B. PRESCOTT,

Professor of Applied Chemistry.

The Committee on Literary Department would present to the Board the following communication :

They recommend that the request of the aforesaid Professors for photographic apparatus for the several Departments be granted, and that a sum not exceeding \$260 be appropriated for said apparatus.

They would also present the following estimate—(See B) to be filed for future reference.

B. M. CUTCHEON,

GEO. DUFFIELD,

E. O. GROSVENOR.

The vote on the adoption of the above report was as follows :

**Ayes—**Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

**Nays—**None.

On motion, the Board took a recess to 2½ o'clock, P. M.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, March 24, 1880. }

The Board of Regents assembled in the room of the President at 2½ o'clock, P. M.

Present: a full Board, except the President, who was in attendance at the Commencement Exercises of the Dental Department, and Regent Van Riper.

In the absence of the President, Regent E. C. Walker was requested to occupy the Chair.

The following communication was received and read by Regent Grosvenor:

UNIVERSITY OF MICHIGAN, }  
HOMŒOPATHIC MEDICAL COLLEGE, }  
Ann Arbor, March 25, 1880. }

*To the Honorable Committee Medical Department:*

*Gentlemen:—*As President of the American Institute of Homœopathy, it is incumbent upon me to be present at its next Annual Session in Milwaukee, June 15, 16, 17 and 18th.

I respectfully ask leave of absence for that purpose.

T. P. WILSON.

On motion of Regent Grosvenor, leave of absence was granted Professor T. P. Wilson, in accordance with his request.

Regent Cutcheon read and then submitted the following report which was accepted and adopted:

The undersigned, in behalf of the late Executive Committee, would report, for the purpose of completing the record in that regard, that on the 31st day of December last, Professor Charles Gatchell of the Homeopathic College, quite unexpectedly and without any previous notice to us resigned his chair in the University, and forthwith left Ann Arbor.

This sudden vacancy in the middle of the year imposed upon the Executive Committee the duty of filling it without delay, in order that the work of the college might go on.

After careful inquiry, and upon the recommendation of those most interested, we secured the services of Prof. T. P. Wilson, of the

Pulte Homeopathic Medical College of Cincinnati, to complete the lectures up to this time, he to receive the salary of a full professor, pro-rata, for the time served.

Prof. Wilson came at once to Ann Arbor, and has conducted the course of lectures to this time. But the arrangement with Professor Wilson made by the committee terminates at this time and the whole matter is now in the hands of the Board.

B. M. CUTCHEON,

GEO. DUFFIELD,

Of Executive Committee.

Regent Grosvenor presented the following resolutions and recommended their adoption :

*Resolved*, That Dr. T. P. Wilson be and is hereby appointed Professor of Theory and Practice in the Homœopathic Medical College in place of Dr. Chas. Gatchell, resigned, to take effect April 1, 1880, at a salary of \$2,200 per year.

*Resolved*, That Dr. A. R. Wheeler be appointed Resident Physician and Surgeon in the Homœopathic Hospital; and that he be paid one hundred dollars for such services to January 1, 1881.

The vote on the adoption of Regent Grosvenor's resolutions was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

The resolutions were adopted.

The following paper was received and read by Regent Grosvenor.

UNIVERSITY OF MICHIGAN, }  
March 24, 1880.

*To the Honorable, the Board of Regents :*

The Faculty of the Homœopathic Medical College of the University of Michigan request the Honorable Board of Regents that there be added to the Professorship of Theory and Practice the words, " Ophthalmology and Otology."

They also request that the Faculty be allowed to provide for the teaching of the Therapeutics of Obstetrics, Gynecology and the Diseases of Children, the same to be without expense to the Department.

On motion of Regent Grosvenor, the requests made in the above communications were granted.

Regent Climie submitted the following resolutions, and, after

a brief explanation of their object, asked that they be adopted.

*Resolved*, That the Committee on Building and Grounds be and are hereby authorized to expend a sum not to exceed Two hundred dollars for the purpose of placing on the boilers in the Central Steam Heating Building and the Chemical Laboratory a recording and alarm guage.

*Resolved*, That the Committee on building Museum Cases are authorized to build an addition to the carpenter shop 20x30 ft., 10ft. high, at an expense not to exceed two hundred and fifty dollars.

The vote on the adoption of the above resolutions, presented by Regent Climie, was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

The following paper was lodged in the hands of the President, and, on presentation to the Board, was referred to the Committee on Buildings and Grounds.

ANN ARBOR, MICHIGAN, }  
March 24, 1880.

*To the Honorable Board of Regents of the University of Michigan :*

*Gentlemen :—*We hereby, in behalf of the Washtenaw County Pioneer Society, most respectfully petition your Honorable Body for the privilege of holding *one lecture* in University Hall for our benefit, to obtain the necessary means for furnishing our room or Museum in the Court House. The distinguished author and lecturer, Will Carlton, will come for half his usual price, and the Audience Hall will better accommodate his audience.

Inasmuch as the old Pioneers of this County have been stepping-stones to its present prosperity, and are largely taxpayers and supporters of our noble institutions, we earnestly hope that for *once* you will generously accede to the wishes of your petitioners for this favor.

Our museum is destined to become an important feature in the history of our county. It already contains many valuable relics and will continue through future time to gain interest and value in its collections of historical matter. Please signify your consent at an early date and oblige,

MRS. N. H. PIERCE,  
M. H. GOODRICH,  
MRS. M. E. FOSTER,  
Furnishing Committee.

The Committee on Buildings and Grounds, through Regent Shearer, chairman, submitted the following report which was adopted:

*To the Honorable the Board of Regents:*

*Gentlemen:*—Your Committee on Buildings and Grounds, to whom was referred the petition of the Pioneer Society of Washtenaw County for the use of the Hall—after due consideration, are of the opinion that the Hall of the University should not be used for purposes unconnected with the needs of the University. They therefore reluctantly decline to recommend the granting of the petition.

JAMES SHEARER,

SAMUEL S. WALKER.

Regent S. S. Walker submitted the following resolution which was adopted:

*Resolved*, That the sum of \$120, or so much thereof as may be necessary, be and is hereby appropriated for the purchase of two microscopes for the use of the Department of Historic Geology and Paleontology.

The vote was as follows:

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

Regent Grosvenor read a communication relative to the appointment of Dr. H. C. Allen to a place in the Faculty of the Homœopathic Medical College, which was accepted, discussed, and, on motion, referred back to the Committee on the Medical Department for future action.

A communication from Professor James C. Watson was received and read by Regent Climie, which, on motion, was referred to the Committee on Finance with instructions to report at a future meeting.

Regent Duffield read a report relative to the crowded condition and pressing needs of the General Library, which, on motion of Regent Shearer, was referred back to the Library Committee for further consideration and future action.

Regent Climie submitted the following resolution which was adopted:

*Resolved*, That the Treasurer of the University, W. A. Tolchard, be and is hereby directed to transfer \$1,000 from the General Fund

to a Special Fund for the building of Museum cases as provided for in a resolution submitted by Regent E. C. Walker at the October 21st, 1879, meeting of this Board.

The vote was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

The following resolution, submitted by Regent Climie, was unanimously adopted on a call vote :

*Resolved*, That the matter of changing the close of the fiscal year of the University of Michigan from the 30th day of June in each year to the 30th day of September in each year to correspond with the fiscal year of the State, be referred to the Finance Committee with instructions to report at the next meeting of the Board.

Regent Grosvenor presented the following resolutions, which were, after a brief discussion, adopted :

*Resolved*, That the whole matter of strengthening the Museum Building be referred to the Building Committee and Regent Shearer, with authority to adopt plans for properly increasing the strength of said building and to enter into contract for the same.

*Resolved*, That so much as may be required be appropriated from the Museum Building Fund to carry out the object of the foregoing resolution.

The vote on the adoption of the above resolution was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Regent Grosvenor moved that the Board do now go into executive session. The motion prevailed. The business in executive session being closed, the Board again resumed the business of an open session.

Professors Maclean, Frothingham and Dunster appeared before the Board at their own request, and informally discussed matters which concerned the Department of Medicine and Surgery ; after which, Professor Palmer called the attention of the Board to the present condition and management of the hospital, and suggested that an examination be made by a committee of the Board appointed for that purpose, whereupon

Regent E. C. Walker submitted the following resolution which was adopted. :

*Resolved*, That the Committee on the Medical Department be requested to prepare and report at the next meeting of the Board a full statement of the condition of the Hospital under the care of the Department of Medicine and Surgery, the average and total number of patients, the price and cost of board, the cost of assistants and service in the Hospital, and such other facts as will enable the Board to act understandingly in the management of the same.

The following communication and report were read by Regent Grosvenor :

UNIVERSITY OF MICHIGAN,  
HOMEOPATHIC MEDICAL COLLEGE, }  
Ann Arbor, March 25, 1880.

*To the Honorable the Board of Regents :*

*Gentlemen* :—I beg to nominate J. C. Wood, M. D., a graduate of our Department, to be my assistant to the Chair of Theory and Practice and Ophthalmology and Otology.

Respectfully,

T. P. WILSON.

The Committee on Medical Department recommend this appointment be made upon the authority and conditions expressed in resolution adopted June 26, 1877, upon this subject.

E. O. GROSVENOR,

A. CLIMIE,

Committee.

March 24, 1880.

On motion, the Board concurred in the recommendation of the Committee.

A communication from Professor J. W. Langley was received and read by Regent Cutcheon, and, on his motion, it was referred to the Committee on Chemical and Pharmaceutical Department.

The following communication from Professor C. L. Ford was read by the Chairman of the Committee on Medical Department :

*To the Honorable Board of Regents :*

*Gentlemen* :—In view of the facts of the nature and amount of the service I perform in the University, as detailed yesterday, I respectfully ask permission to close my labors at the time of the Law and Dental Commencement in March, with permission to be absent from

Ann Arbor thereafter, except to perform my duties in connection with the examination of the medical students in June.

Very respectfully, your obedient Servant,

C. L. FORD.

Regent E. C. Walker moved that the request of Professor Ford be granted for and during the current year, which was agreed to.

On motion of Regent Cutcheon, the Board adjourned to meet in executive session at 7½ o'clock, P. M., to-day.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, March 24, 1880. }

The Board of Regents reconvened in the room of the President at 7½ o'clock, P. M., in executive session.

Present: a full Board except Regent Van Riper.

At the close of the executive session, the Board resumed business in open session.

The following report from the Executive Committee was read by Regent Cutcheon and adopted :

The Executive Committee, to whom was referred the matter of granting leave of absence to President James B. Angell, to enable him to accept the appointment from the President of the United States as a Special Commissioner or Minister to the Chinese Empire, with a view of securing a modification of existing treaties between that Empire and the United States, would respectfully report :—

That your committee regard the tender of this position, so important at the present time, as a most gratifying recognition both of President Angell, and of the University; and believing that the standing and progress of the University are now so well assured that leave of absence may be granted to the President without serious detriment, and that all adverse considerations are more than counter-balanced by benefits that may be expected to arise out of this public employment, we recommend that the proposed leave of absence be granted for the purpose indicated, in case he should decide to accept the appointment, his salary to lapse during his absence, from and after the close of the present college year. We also recommend that, in the absence of President Angell, Professor Henry Frieze, LL. D., the senior member of the Faculty of Literature, Science and the Arts, who has already once so acceptably filled a like position in the University, be appointed Acting President, and that his salary as such



acting President be fixed at \$3,000 per annum during the time he shall fill such appointment.

That to relieve Professor Frieze in part of present duties, and to enable him properly to discharge his duties as acting President, an additional Instructor be appointed in the department of the Latin Language.

That the Executive Committee be charged with the duty of supplying temporary instruction in Political Economy, and so far as is necessary in International Law, during the absence of President Angell.

All of which is respectfully submitted.

B. M. CUTCHEON,  
GEO. DUFFIELD,  
JAS. SHEARER,

Executive Committee.

The vote on the adoption of the report was as follows:

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

Absent—Regent Van Riper.

The following resolution, presented by Regent Climie and referred to the Committee on Buildings and Grounds, was reported back to the Board by that Committee with their endorsement thereon:

*Resolved*, That R. F. Sanford is hereby appointed Chief Engineer of the Steam Heating and Water Works of the University of Michigan, at a salary of one thousand dollars per year, his duties to be assigned to him by the President, Secretary and Committee on Buildings and Grounds.

The adoption of the within resolution is hereby recommended—conditioned on Mr. Sanford having no other business and giving his entire time, and provided, further, that said Sanford shall also become a citizen of Ann Arbor.

JAS. SHEARER.

SAMUEL S. WALKER.

A call vote on the adoption of the resolution as endorsed was as follows:

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

The following resolution, submitted by Regent Duffield, was adopted :

*Resolved*, That the Faculty of Literature, Science and the Arts be requested to present at the June meeting schedules of work from their different departments, similar to those presented in June, 1879, and that the same be duly authenticated and signed.

B. M. CUTCHEON,  
GEO. DUFFIELD,  
E. O. GROSVENOR.

Notice to be given by the Secretary of the Faculty.

Regent Grosvenor submitted the following communication and resolution, and requested the adoption of the resolution :

*To the Honorable the Board of Regents :*

*Gentlemen* :—We, the undersigned, would respectfully ask leave of absence during the first week in June for the purpose of attending the annual meeting of the American Medical Association, at which questions of great importance to this Medical School are to be decided.

Most respectfully,

DONALD MACLEAN,  
GEORGE E. FROTHINGHAM.

*Resolved*, That the above request be granted.

E. O. GROSVENOR,  
A. CLIMIE,  
Committee.

March 24, 1880.

The resolution was unanimously adopted.

On motion of Regent Grosvenor, the title of Professor Donald Maclean was ordered to be changed to read as follows—“Professor of Surgery and Clinical Surgery,” the words “and Clinical Surgery” being added to his present title.

Regent E. C. Walker submitted the following report and resolution which were adopted :

*To the Honorable, the Board of Regents :*

The Committee on Chemical and Pharmaceutical Laboratory, in response to the request of Professor Langley, asking, in view of the fact that a portion of the \$500 allowed to him by the Board for the current year had necessarily been diverted to the purchase of supplies for the new courses established by him, that he be allowed for his department the further sum of \$200, respectfully recommend the passage of the following resolution :

*Resolved*, That the sum of \$200 be appropriated to the Department of General Chemistry for the purchase of apparatus and supplies.

E. C. WALKER,  
JAS. SHEARER,  
GEO. DUFFIELD,  
Committee.

The vote on the adoption of the report and resolution presented by Regent E. C. Walker was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

Regent E. C. Walker presented a paper from Professor A. B. Prescott, which was accepted, and, on motion, it was referred to the Committee on the Chemical and Pharmaceutical Department, with instructions to report at the next meeting of the Board.

The following paper from the Literary Faculty, setting forth the desirableness of providing for instruction in Music, was read by Regent Cutcheon, and, on his motion, it was ordered to be printed in the minutes :

1. Music as a science is closely allied to our existing scientific course, and, properly taught, would be no less useful as a disciplinary study.

2. As an art it comes in contact with life and society more universally than any other of the aesthetic arts, while it is so inseparable from many of the duties as well as the pleasures of life, that it may justly be reckoned also among the useful arts.

3. As a profession scarcely any is more in demand at the present moment than that of music-teaching, and on scarcely any is more money expended by all classes of people—rich and poor.

4. Music was one of the seven liberal arts originally embraced in the attainments necessary to the Bachelor's and Master's degrees, and though it is now omitted from the prerequisites to a degree in Arts, no University can be found, or scarcely any, of the rank of the University of Michigan, in which provision is not made for the teaching and cultivation of music. At the same time, music in its present state of development, emphatically a modern art, is far more worthy of a place in liberal studies than in those times when it was one of the conditions of a degree.

5. We can see no reason why provision should be made for the teaching of music in the State Normal School which is not equally good for the teaching of music in the State University.

6. We can see no reason why provision should not be made in the University for the preparation of professional teachers of music just as well as of the members of the other professions. In every community, town and village, there is a demand for such teaching, and much money is expended for it; and it is for the interest of the people that such teaching should be of the best character, and that money and time should not be misspent.

7. The cultivating influence of music, the value of which in these days is universally recognized, is needed in the University.

8. We believe that for all these reasons this University should no longer be left without some provision for teaching the science and art of music.

9. The objects to be accomplished are two: First, the establishment of *theoretic* and *scientific* courses in music, such as can be given by class instruction, and placed, as lately, in some other institutions, among the elective studies. Second, the encouragement and culture of music in the University at large, by means of classes, for the *practice* of choral and instrumental music, open to all students of the University possessing the requisite qualifications.

The work of the Professor of Music should be such as can be performed in the way of class instruction; consisting of lectures on the history of music, and instructions in the principles of the science of music, and of practical teaching or drill of such students as are sufficiently advanced to participate in exercises in choral and instrumental music.

As no provision can be made by the University for the teaching of individual pupils, consistently with the principle of free tuition, established by the State Constitution, it should be understood that the Professor of Music shall be at liberty to organize and direct, outside of his University work, a school of music, providing for instruction on the organ, piano, and other instruments, as well as for individual or class instruction in vocal music, and to derive a part of his support from the tuitions of such school; the same to have no official relation to the University.

10. We believe that in case these views meet with favorable consideration of the Honorable Board, a gentleman of superior musical education and experience can at this time be secured to take charge of organizing and conducting such a work in the University.

11. We therefore earnestly request the Honorable Board of Regents to give the question of such appointment a careful consideration.

H. S. FRIEZE,  
C. K. ADAMS,  
M. C. TYLER.

Adopted by the Faculty with the recommendation to lay it before the Board of Regents.

Meeting of March 22d, 1880.

P. R. B. de PONT, Secretary.

Regent Cutcheon moved that the "notice of hearing in the University Case," now pending in the Supreme Court be made the special order for 9 o'clock, A. M., to-morrow.

Agreed to.

On motion, the Board adjourned to 9 o'clock, A. M., to-morrow.

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UNIVERSITY OF MICHIGAN, }  
Thursday, March 24, 1880. }

The Board of Regents reconvened in the room of the President at 9 o'clock, A. M.

Present: a full Board except Regent Van Riper.

The President stated that the first business in order was "the notice of hearing," in the University Case now pending in the Supreme Court, which was made the special order for this hour. Regent Cutcheon asked that he be permitted to read a report explanatory of his relations and acts relative to the University Case now pending in Court, before proceeding to the business of the special order. Unanimous consent was given, whereupon the Regent read the following report:

The undersigned who was, under Resolutions of March 26th, 1879, "instructed to act for this Board in the taxation of costs in the suit," of the Regents, etc., *vs.* Silas H. Douglas, *et. al.*, "and in such other matters connected with or growing out of the case as may be necessary," would respectfully submit to the Board the following report:

That in his report of June 24, 1879, he gave a history of the matters entrusted to him, to that date. That report was not printed in the minutes, but is referred to on page 350, and I would request that for convenience of reference, it be printed as a part of this report.

That report gave a history of the matters as far as it had progressed, also of the commencement and progress of the suits of B. F. Granger and Philip Bach against the board, the settlement of which it recommended. In order to an intelligent understanding of subsequent events, it is necessary to recur to the history contained in that report, which I here incorporate as a part of this, as follows:

The undersigned who was, under Resolutions of March 26, 1879,

entrusted to act for this Board in the taxation of costs in the suit of "The Regents, etc., vs. Silas H. Douglas, et. al.," "and in such other matters connected with or growing out of the case as may be necessary," would respectfully submit to the Board, the following report:

That immediately after the adjournment of the Board I examined the files and records in the case in the office of the Register in Chancery, and found that no motion for rehearing had been entered, and therefore, the resolution in regard to vacating it was nugatory.

Further an examination of the decree entered by Judge Huntington disclosed the fact that *no costs had been awarded*, and therefore, there were no costs to be taxed.

Before leaving town, I notified the Solicitor of Dr. Douglas of my designation by the Board to attend to the further steps in the case on behalf of this Board.

The Solicitor of Dr. Douglas was then of the opinion that no appeal would be taken on behalf of Dr. Douglas; but in a short time after I was served (as was also Judge Ramsdell), with notice of claim of appeal on the part of defendant Douglas, and the requisite bond was given and filed.

I also received notice of the settling of the evidence in the case before Judge Huntington at Mason, May 11. As this required that some one who had been present at the trial, and was familiar with the facts should be engaged, a meeting of the Executive Committee became necessary and was accordingly called and held.

Meanwhile, a new matter "connected with and growing out of the case" had arisen. Action had been commenced in the Circuit Court for the County of Washtenaw, at the suit of Bradley F. Granger, and at the suit of Philip Bach, assignee of B. F. Granger, to recover counsel fees, claimed by said Granger in the Douglas and Rose case.

Regarding this as coming within the matters delegated to my care, I took steps to protect the interests of the board by entering their appearance in my own name, and within the time required by rule, entered and served a plea of the general issue. I did this simply to protect the interests of the Board pending the meeting of the Executive Committee.

That meeting was held April 29th. At that meeting, I was instructed by the Committee to employ Mr. E. E. Benedict, who assisted upon the trial of the cause to settle the testimony. A special meeting of the Board was also decided upon to take actions upon matters pertaining to the Museum, and it was thought that at the same time action could be taken upon the matter of counsel in the Granger cases, so that nothing was done by the Committee in regard to counsel in those cases.

Directly after the meeting of the Committee, I made an arrangement with Judge Benedict to attend to the settlement of the evidence before Judge Huntington, and his compensation was agreed upon at ten dollars per day and expenses, which I regarded as very reasonable.

The settlement of the testimony was postponed by stipulation from May 11th to May 23rd, to allow the making of the necessary copies of oral testimony. Meanwhile, the Secretary, Mr. Bennett, communicated to me a proposal of Mr. Daniels, the stenographer, to make a duplicate copy of the testimony for the Board at half price, \$60.00. At the time of receiving the communication both Judge Ramsdell and Mr. Benedict were present, and I submitted to them the question of the necessity of such copy, and they were both of the opinion that it would be absolutely necessary.

I then telegraphed Mr. Daniels that if he could make a copy for the Board for \$50.00 he might proceed, which he did. The copy forms a large volume of about 500 pages legal cap size, written with typewriter, and is now in the hands of Mr. Benedict, at Manistee, and has been of great and indispensable service in settling the case.

On the 23rd of May the counsel met at Mason, and settled the case in part, but a large number of exhibits could not be found.

A schedule of all the missing exhibits was made and agreed upon, and an adjournment was had until June 10th, when Mr. Benedict again attended at Mason, and the settlement of the evidence was completed, so far as possible, and Judge Huntington certified the case to the Supreme Court, as settled as far as possible. I submit a copy herewith of the certificate.

My own opinion is that, under the rulings of our Supreme Court, that Court will not and cannot hear this case upon this partial certificate. Possibly the court may make an order that copies of exhibits may be substituted for the originals, when copies can be duly proved, and, it is possible that the case may yet be got to a hearing, though it may not.

Our Supreme Court has decided that they will not modify a decree in favor of a party who has not appealed, but it is questionable whether in a case like this, when the whole subject matter is an accounting, the court will not go over the whole accounting and decide upon the merits of the whole case as the right may appear.

In any event, the Board has still the right of appeal, as under a recent opinion the right of appeal does not expire until forty (40) days after the settling of the evidence. Therefore, if the Board should still desire to appeal, they have the right and privilege to do so. This is the present status of the case.

In regard to the suits upon the claims of Bradley F. Granger, I would report that through the failure of a quorum at the special meeting called for May 13th, no counsel was appointed in those cases, and they have remained in my hands until now. I took steps to prevent the cases being brought to trial at the June term of court and it now remains in statu quo.

I would here say that I have never thought it possible for me to go further in the conduct of the cases than the mere preliminary steps. There are reasons, to me insurmountable, why I cannot go further, and in case this Board should decide to go on with the cases, the undersigned must retire absolutely from further direction or responsibility in the cases.

I am informed that the whole matter can now be settled for a sum not to exceed \$200.00, *including costs*.

The undersigned would say that he is satisfied that the case cannot be litigated for double that amount, as it will be almost certain to go to the Supreme Court, and admonished by our recent experience, he cannot but think that it will be wiser to settle than to litigate.

This suggestion is made both in the interests of economy and harmony.

All of which is respectfully submitted.

(Signed)

B. M. CUTCHEON.

Special Committee.

At the special meeting of this Board, July 25, 1879, I offered the following resolutions:

"*Resolved*, That the Governor of the State, be and is hereby requested to direct the Attorney General of the State to appear in behalf of this Board, in the Supreme Court, upon the appeal in the case of the Board of Regents *vs.* Silas H. Douglas, *et. al.*

"*Resolved*, That the Executive Committee be authorized to employ such assistance for the Attorney General as they may consider desirable and necessary.

"*Resolved*, That in case of the refusal or inability of the Attorney General to act in the aforesaid case, the Executive Committee be authorized to employ such counsel as is necessary to protect the interests of the University."

As no report appears in the minutes of the action taken under these resolutions, except the very brief one on page 423, October meeting 1879, for a fuller record the following statement is here added.

Before leaving town that day (July 25, 1879), I called on Gov. Croswell and notified him of the foregoing resolutions, and received from him assurances that he would take pleasure in doing all in his power to assist us.



Immediately on my arrival home, July 28th, I wrote to Attorney General Kirchner, explaining the action of the Board, and the status of the case, what provision would be made for assistance, and expressing the hope that he would act in the case. Mr. Kirchner replied under date of July 30, saying that he had not yet heard from the Governor. Also saying that he would be absent from home until about August 20th.

August 22, I again wrote the Attorney General, saying :

"DEAR SIR—I had hoped to hear that you would act in behalf of the Board of Regents in the matter of the appeal in the Rose-Douglas case. I have thought that perhaps the Governor in the multiplicity of affairs had overlooked it. Please to let me hear."

The Attorney General replied under date of August 25th, saying :

"In reply to your favor of the 22nd inst, I have to say that I have had no intimation from the Governor as to my connection with the Rose-Douglas appeal. Without a positive request from the Governor, I have no right to meddle in the matter."

August 28th I wrote to Governor Croswell, saying:

"The Attorney General informs me that he has received no communication from you in regard to the request of the Board of Regents that he should appear for them upon the Douglas appeal. Will you please to request the Attorney General to appear and assist upon the appeal. We shall provide him with assistance \* \* \*."

To this I received answer from Governor Croswell under date of September, 2nd, 1879, as follows :

"MY DEAR SIR: I should have answered your letter earlier but for my absence from home. I saw the Attorney General, Mr. Kirchner, a short time since in regard to the request of the Board of Regents, that he appear for the University upon the Douglas appeal. He stated that the Attorney General had not appeared upon any of the proceedings between the University and Douglas, and that his understanding was that it had not been customary to require him to appear in suits of this character. That he was of the impression that the whole Douglas-Rose case would be virtually reopened by this appeal, and that in view of the additional responsibility and labor which a suit of this important character would necessitate, he ought not with his meagre salary to undertake it, although he might do so if requested by executive authority. Under this representation of the case, I doubt the propriety of my requiring him to appear in the suit.

Yours very truly,

CHARLES M. CROSWELL.

September 9th, 1879, I notified Regent Rynd of the decision of the Governor and added: "I shall direct Mr. Benedict to attend at

the October term to respond to any motion that may come up, in case they give us notice of any motion. As to other counsel I am not prepared to suggest any name \* \* \*. If we get first-class counsel it will cost us \$1,000. I am inclined to leave the case in Benedict's hands to present; then there will be no divided counsels. What do you think of it? I do not know Dr. Duffield's present address. Will you please to forward this letter to him, that he may give me his views also?"

To this communication neither Regent Rynd nor Duffield ever returned any reply; but I afterward learned that the special meeting of October 2nd, 1879, was called in part to consider the matter of counsel. Through the failure of a quorum, the meeting went over to October 21, and on October 22nd, Regent Rynd introduced the following resolution, (after reciting the resolution of March 1879 meeting: that "the services of counsel being no longer necessary, all counsel be and are here hereby discharged.")

"*Resolved*, That no further expense be incurred for the employment of counsel, and that the services of all counsel be disposed with in relation to the case."

This resolution left the matter precisely where the resolutions of March 1879, had left it.

It will be remembered that in my report of June 24, 1879, I stated that the evidence had not been "settled" because of the absence of a large number of exhibits. In his communication to the Board October 21, (p. 426), Judge Douglas informed the Board of the steps taken to perfect his appeal, and for the recovery of the missing exhibits, and suggested that the Board join with the appellant in consenting that the Court dispense with the printing of the record. The resolution to that effect, however, failed (page 444).

I had previously ascertained from Judge Douglas that the case would not come up in any way at the October term.

No occasion thereafter arose for my acting under the Resolution of March, until about December 20th, when notice was served that the appellant would move the Court at the January term to dispense with the printing of the record, and at a latter day, notice was given of the hearing of the case at that term, and the case was placed on the docket as No. 44, for general hearing.

Copies of the petition and affidavits upon which it was intended to move the Court were served upon me.

Upon an examination of the situation of the case, I was convinced that it was in no condition either for hearing, or for any motion respecting the printing of the record, for the reason that the appeal

had never been perfected, by the certification of the missing exhibits, and the time had expired which was allowed by law for such certification.

But as parties are held to *waive* all objections not taken, and courts do not consider it their duty to investigate and protect rights which *parties* have deliberately abandoned, I deemed it my imperative duty to be present at the opening of the Court, to act for the Board in representing to the Court the true state of the case.

I accordingly attended at Lansing at the opening of the Court, and upon the presentation of the petition to dispense with the printing of the record, I asked leave of the Court to answer for the Board, *stating expressly that I did not appear as counsel for the Board*, but as a special committee of the Board, under resolution of March, 1879, and that the Board was wholly without counsel. Leave being granted, I presented to the Court the reasons why the case was not in Court in proper condition either for hearing, or for any order in regard to printing, from the fact that the appeal had never been perfected. The preambles and resolutions of Regent Rynd (page 443) were presented in full, *with the vote thereon*; also the resolution with regard to the printing, (page 444), *and the vote thereon*. I stated to the Court that *under the circumstances I declined to consent to dispense with the printing*, and insisted in behalf of the Board, that the case was not properly before the Court.

After due consideration the Court made the following order :

#### SUPREME COURT.

THE REGENTS OF THE UNIVERSITY, }

VS.

SILAS H. DOUGLAS,

and

SILAS H. DOUGLAS,

VS.

THE REGENTS, ETC. }

A motion has been made by the Appellants to dispense with the printing of the record or a part thereof in this case.

From statements of counsel and a showing made, it appears that books and other similar exhibits constitute a considerable part of the record. Such exhibits we never require to be printed. How much of the other evidence should be, can only be determined on examination, or perhaps by counsel, subject to the approval of this Court.

It appears from the statement of Mr. Cutcheon, *that the Regents have at this time no authorized counsel to represent them*, and the case is of such importance that it should not be heard at the present term under such circumstances.

The case therefore must stand continued for the term.

Perhaps, when there is counsel on both sides, we may consent to take up the case, with the understanding that we shall then order the printing of whatever testimony either party deems important.

In any event there is a considerable portion of the record that should be printed before a hearing is entered upon."

The whole matter having been thus disposed of upon the motion to dispense with the printing, the calendar case *was never reached*. I mention this because some appear to have received the false impression that the case was advanced on the calendar.

Having thus accomplished my purpose in protecting the interests of the Board, I left Lansing on January 7, reaching home on the 8th. There has been no change of *status* since.

Since the record in the Supreme Court is still incomplete, and since the trial-Judge (Huntington) cannot now certify the remainder of the record by reason of lapse of time, without an order of the Supreme Court, I am of the opinion that the case can only come up at the April term on motion for an order to complete the record and to dispense with the printing, and that the main hearing cannot be had before the June term.

There can be no doubt that the highest interests of the University demand that this source of irritation and division shall be disposed of at the earliest possible day.

Here my official action in the case ended, and it would be gratifying to me if this report might properly end here. But it appears necessary to notice some subsequent events. On January 10 I received from the Reporter of the Supreme Court notice of the decision of the Court, and also notice that the following document had been presented to the Supreme Court on the 8th, and also printed in the *Lansing Republican*, from which it was clipped, and is here inserted in full, to wit:

A DETERMINED REMONSTRANCE.

The following emphatic document, which was presented on Wednesday to the Supreme Court in this city, sufficiently explains itself:

*To the Hon. Isaac Marston, Chief Justice of the Supreme Court of Michigan:*

DEAR SIR:--The undersigned would very respectfully present to your honor and associates the following communication:

WHEREAS, The Board of Regents of the Michigan University, at

their last meeting in Ann Arbor, October 21, 1879, decided not to employ counsel in the Douglas appeal case ;

*And whereas*, At the same meeting they also refused their " consent that the Supreme Court may dispense with the printing of the record in the case of the Regents of the University vs. Silas H. Douglass et al., either in whole or in part ; "

*And whereas*, In accordance with the unanimous vote of the Regents in March, 1879, " that it is not the wish of this Board to incur the expense of an appeal to the Supreme Court," and " that, the services of counsel being no longer necessary, all counsel be and are hereby di-charged," they still further resolved " that no further expense be incurred for the employment of counsel, and that the services of all counsel be dispensed with in relation to the same ; "

Therefore, we the undersigned, members of the Board of Regents, hereby enter our determined protest against Regent Cutcheon or any other Regent appearing in the Supreme Court as counsel for the Board, in the Douglas appeal case, either to engage in any stipulation touching the same, or for any other purpose whatever, until the next meeting of the Board of Regents.

ANDREW CLIMIE,  
(By telegram and letter).  
GEORGE L. MALTZ,  
(By telegram).  
GEORGE DUFFIELD,

Regents of University of Michigan.

Lansing, January 7, 1880.

To say that this document filled me with surprise would but feebly express my feelings, and this surprise was not diminished at seeing this determined protest as a special dispatch in the *Daily Post and Tribune*, and conspicuously displayed in the *Ann Arbor Courier*, the *Adrian Times*, and other papers under like influences.

I am satisfied that if the gentlemen who signed it had not been misinformed, or had been correctly informed, in regard to my real intentions and acts, they would not have done me and themselves the injustice of putting it upon the record and placing me in a false attitude before the people of the State.

And just here I beg to submit a few words in regard to the original and delegated powers of the Board of Regents. That corporation known in the law as "The Regents of the University of Michigan" constitute a legal entity, an artificial person, *only as a Board*.

In the eye of the law its members are "Regents," and have power to do an official act, only when they are assembled in their corporate capacity with a legal quorum present, except when the corporation,

acting as aforesaid, has delegated its powers to a committee of one or more of their number, and then that committee, whether of one or more, within the scope of the delegation, has all the powers of the Board itself, in the eye of the law for that special purpose is the Board itself. But unless acting in one of these capacities, either in open Board in the corporate capacity, or exercising specially delegated powers, any attempted official act is *ultra vires*, and a *nullity*.

Applying these principles to the protest in hand, it is clearly manifest that it is neither the act of the Board, nor yet of any Committee acting within the scope of any delegated powers. I think it is not needful for me to further characterize it. In conclusion I would say that I have given considerable valuable time and attention to the performance of the duties imposed upon me by the Board.

I have performed them conscientiously, and to the best of my ability.

I have performed them "without fear, favor, affection, or hope of reward."

If I have deserved to be pilloried in this manner before the people of this State, and branded in the Supreme Court as an usurper and an unsafe public officer, then let this Board apply the branding iron, and I must bear it.

When ever this Board shall desire to relieve me of the somewhat onerous and exceedingly unenviable trust it has laid upon me, it will find me most willing and glad to lay it down. Until then I shall continue to discharge it to the best of my judgment and ability. I shall be glad to be now discharged.

I beg in closing to append the following communication from the Chief Justice of the Supreme Court :

"HON. BYRON M. CUTCHEON: "SUPREME COURT ROOM,  
LANSING, January 14, 1880. }

"Dear Sir :—Your letter enclosing what appears to be a response to a protest which you *suppose* was presented to the Supreme Court has been received and handed to Mr. Chaney, as you request.

"It is proper to say to you that the protest was not presented to the Court, but sent by mail to Mr. Justice Campbell, by him received on Wednesday, January 7, being the day after the motion you refer to was heard and submitted, handed to me, submitted, and filed.

"On reading the protest nothing appeared which you had not publicly called to the attention of the Board, showing that the Board of Regents were not and could not be represented by counsel at this time. Had the protesting Regents come into Court to give the information they sent by mail they would have been informed that you had already in open Court publicly given us the same information.

"I may add that we think you acted strictly within the authority given you, and simply performed what was clearly your duty, acting under the resolution of the Board of Regents.

"Yours respectfully,

"ISAAC MARSTON."

All of which is respectfully submitted.

BYRON M. CUTCHEON,  
Special Committee.

At the conclusion of the reading of the report, Regent Cutcheon said that he desired, if accepted, that it might be printed in the minutes. On motion, his request was granted, and the report was ordered to be printed as requested.

The following communication was received and read by Regent E. C. Walker :

*To the Honorable the Board of Regents :*

*Gentlemen :*—I desire leave of absence for about a week, early in May, to attend the Decennial Convention for Revision of the Pharmacopœia, at Washington, to which body I am delegate from the Department of Pharmacy.

Respectfully,

A. B. PRESCOTT.

University of Michigan, March 24, 1880.

Regent Grosvenor moved that the request of Professor A. B. Prescott be granted. The motion prevailed.

Regent Cutcheon, Chairman of the Executive Committee, presented the following resolutions :

*Resolved*, That it is the sense of this Board that on the final argument of the Douglas Case, so-called, in the Supreme Court, justice to the University, to the Court and the people, requires that the case on the behalf of the Board should be presented by counsel.

*Resolved*, That as the Board has once unanimously agreed upon Attorney-General Kirchner, to present the case on its behalf, (which the Attorney-General declined for financial reasons), we hereby direct the Executive Committee to secure the services of Attorney-General Otto Kirchner to present the case in behalf of the Board, *provided* his services can be secured for a sum not exceeding \$500, including personal expenses.

*Resolved*, That in case the Executive Committee fail to secure the services of Mr. Kirchner, they are then authorized to secure the services of Mr. E. E. Benedict, *provided* a satisfactory arrangement can be made.

At the conclusion of the reading of the resolutions by Regent Cutcheon and of his remarks thereupon, he moved their adoption. Regent Climie objected to the resolutions being received, and stated his objections. He said the whole matter of employing Counsel in the University Case had been referred to the Executive Committee of this Board, and that it was not in order previous to the reception of a report from that Committee to take the action contemplated under Regent Cutcheon's resolutions. Regent Duffield concurred in the remarks of Regent Climie. An appeal to the decision of the Chair was made, and the objection of Regent Climie was decided to be well taken, and the resolutions declared to be not in order. No further action.

On motion of Regent S. S. Walker, the Board took a recess of twenty minutes.

At the close of the recess, the President called the Board to order.

Regent Shearer presented the following report :

*To the Honorable Board of Regents :*

*Gentlemen :—*Your Executive Committee, to whom was referred the matter of the Notice served relating to the University Case in the Supreme Court, report that in their opinion there should be a full Board present when action is taken on said Notice, and that harmonious action be then taken if possible. Therefore your Committee recommend that the said Notice and all matters pertaining to Counsel be referred to a committee consisting of Regents Cutcheon, E. C. Walker and Van Riper, and that said Committee report at an adjourned meeting to be held at an early date.

The vote on the adoption of the report just read by Regent Shearer was as follows :

Ayes—Regent E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

Regent S. S. Walker presented the following resolution :

*Resolved*, That the declination of Regent Cutcheon of all powers and authority whatsoever under the resolution of the Board passed March 25th, 1879, be and is hereby accepted.

Pending a vote on Regent S. S. Walker's resolution, Regent Grosvenor said that he voted for or with the express under-



standing that Regent Cutcheon could not, consistently with his personal and private duties, be present at the opening of the April Term of the Supreme Court. He endorsed the action of Regent Cutcheon in the past, and only voted to relieve him at his own request.

A call vote was demanded with the following result :

Ayes—Regents Climie, Cutcheon, Duffield, Grosvenor and Shearer.

Nays—Regents E. C. Walker and S. S. Walker.

The resolution was adopted.

Regent E. C. Walker presented the following resolution which was adopted :

*Resolved*, That the Committee on Buildings and Grounds be directed to prepare plans and estimates for the enlargement of the Dental College Building, and report the same to the Board at the same time they report upon the enlargement of the Chemical Laboratory.

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

The following resolution was presented by Regent E. C. Walker :

*Resolved*, That Regent Cutcheon be requested to appear at the April Term of the Supreme Court, as Regent, and request an adjournment of the case of the University, now pending in that tribunal, till after the special meeting of the Board.

Pending a vote on Regent E. C. Walker's resolution a motion to amend was made by striking out the name of Regent Cutcheon and inserting that of Regent Grosvenor. The amendment having been accepted by Regent E. C. Walker, a call vote was ordered on the resolution as amended, with the following result :

Ayes—Regents E. C. Walker, Climie and Shearer.

Nay—Regent S. S. Walker.

Not voting—Regents Duffield and Grosvenor.

On motion of Regent S. S. Walker, Regent Duffield was excused from voting.

A quorum not voting, the resolution of Regent E. C. Walker, as amended, was lost.

Regent Climie submitted the following resolution which was adopted :

*Resolved*, That the President is hereby directed to address a communication to the Supreme Court of the State of Michigan, advising them of the action of the Board of Regents in reference to the appointment of a committee which shall report on the 13th day of April, at an adjourned meeting of the Board, as to the employment of Counsel in the case, and asking that the Court take no further action, until after such meeting, in the case now pending before said Court, of University of Michigan vs. Preston B. Rose, Silas H. Douglas, *et al.*

The vote on the adoption of Regent Climie's resolution, was as follows :

Ayes—Regents Climie, Cutcheon, Duffield, Grosvenor and Shearer.

Nays—Regents E. C. Walker and S. S. Walker.

Regent E. C. Walker moved that when the Board adjourns it shall adjourn to Tuesday, April 13th, 1880, at 7½ o'clock, P. M. The motion prevailed.

Regent Cutcheon rose to a question of privilege and said :

*Mr. President and Gentlemen :*

For the first time since my connection with this Board, I rise to a matter of personal privilege.

My attention has been called to the *Adrian Weekly Times and Expositor* of January 16, 1880, in which appeared an article nearly a column in length, headed in conspicuous capitals with my own name, and subscribed with the distinguished signature of ex-Regent C. Rynd.

In this communication appears the following passage, to wit :

"My term as Regent ended on Dec. 31. Regent Cutcheon thereupon presented himself before the Supreme Court in obedience to the wishes of Douglas, and in direct antagonism to his own vote, and proposed in violation of the action of the Board to make stipulations and argue the case."

I shall beg to correct this statement in a few particulars.

1. The statement that I presented myself "in obedience to the wishes of Douglas," is utterly, inexcusably and malignantly false, in letter, in spirit and in fact.

2. That I appeared "in direct antagonism to my own vote," is an assertion wholly wanting truth. My "vote" related solely to the incurring of expense in the employment of Counsel. It in no wise related to my duties or relation as a *Special Committee* of the Board,

instructed to act for the Board "in such matters connected with or growing out of the case as may be necessary."

The whole Court bear me witness that I expressly disclaimed having any authority as Counsel, and notified the Court that the Board was without Counsel.

3. He says that I "proposed to make stipulations." This is most inexcusably false, without a single shadow of foundation in fact.

4. He says, "and proposed to argue the case." This is as absolutely without shadow of truth as the rest. The exact reverse is the fact, as the slightest inquiry would have satisfied my calumniator. I went to Lansing for the express purpose of *preventing* the argument of the case until this Board should meet, and succeeded in doing so.

The remainder of the communication is devoted to destroying confidence in the Supreme Court.

Libel and defamation of Judicial Tribunals may be apt methods for the aspirant to Congressional honors, but that way *dishonor lies*.

B. M. CUTCHEON.

March 24, 1880.

At the conclusion of the reading of the paper by Regent Cutcheon, Regent S. S. Walker moved that it be accepted and printed in the minutes. The motion prevailed.

Regent E. C. Walker read the following communication from Professor J. W. Langley :

UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, Feb. 2d, 1880. }

*To the Executive Committee of the Board of Regents :*

*Gentlemen :—*I offer this year during the second semester an elective course in Electro-therapeutics to the medical students. As this course consists of practical work by laboratory methods in the applications of electricity to medicine, I suggest that it be governed by the precedents furnished by the other laboratory courses of the University, and that the students be required to make a deposit with the Treasurer in the usual manner.

I am fully satisfied that the cost to the University, for each student for materials furnished, will not be over one dollar, and I ask for authority to exact from them a deposit of one dollar with the Treasurer, and that this sum be not returnable to the student.

Very respectfully,

JOHN W. LANGLEY.

Professor of Chemistry.

Respectfully recommended to the Executive Committee. Will Mr. Cutcheon please endorse his opinion and forward to Mr. Duffield, and ask him to return to me ?

J. B. ANGELL.

I concur in the above, as a temporary arrangement, subject to such permanent arrangement as the Board may make.

B. M. CUTCHEON.

I approve of the "temporary arrangement" recommended by President Angell and endorsed by Regent Cutcheon.

GEORGE DUFFIELD.

At the close of the reading of the above paper Regent E. C. Walker submitted the following resolution :

The Committee on Chemical and Pharmaceutical Laboratory recommend the following resolution :

*Resolved*, That this Board approves the establishment by Professor Langley of a special course in Electro-therapeutics, and that the students who take such course pay one dollar in advance into the Treasury of the Board to cover the expense of materials used by them respectively, no surplus in any case to be refunded.

E. C. WALKER,  
GEO. DUFFIELD,  
JAS. SHEARER.

The vote on the adoption of the above resolution was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

Regent Climie submitted the following resolution :

*Resolved*, That the sum of \$166 28 be and is hereby appropriated for Regents' expenses.

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield and Shearer.

Absent—Regents Grosvenor and Van Riper.

On motion of Regent E. C. Walker, the Board took a recess to 1½ o'clock, P. M.

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UNIVERSITY OF MICHIGAN, }  
Thursday, March 25, 1880. }

The Board reassembled in the room of the President at 1½ o'clock, P. M., and, on motion of Regent S. S. Walker, adjourned to the Astronomical Observatory.

ASTRONOMICAL OBSERVATORY,  
OFFICE OF THE DIRECTOR, }  
Thursday, March 25, 1880. }

The President called the Board to order at the close of an examination of the buildings and grounds. Regent S. S. Walker, by request, read a paper from the Director of the Observatory relative to the importance and pressing need of additional apparatus, which was as follows:

*To the Honorable, the Board of Regents:*

The undersigned begs leave to represent to the Board:

*First.* That the true method of instruction in the sciences is the practical method. The success of this method is illustrated in several departments of the University, and astronomy furnishes as good a field for this kind of instruction as any other science.

*Second.* That such instruction in astronomy is promised in the Calendar, and students have just cause to complain if it is not given.

*Third.* That several of the courses in astronomy, such as the course for civil engineering students, and of advanced students in astronomy are of little benefit unless accompanied by practice.

*Fourth.* That this instruction has been given to some extent with borrowed instruments. These have now been recalled, and the undersigned has been informed that the Navy Department, from which they were borrowed, decline to loan any more instruments under any circumstances.

*Fifth.* That the large instruments at the Observatory are not available for the use of students, and that such instruction could only be given with a set of smaller instruments provided for the purpose.

*Sixth.* A small Observatory for such instruments is already constructed, and the University will be to no further expense for it.

*Seventh.* That the instruments adapted to this purpose, and of the size intended by the small Observatory, are as follows:

An equatorial, with a six-inch object-glass, costs, . . .	\$1,800 00
A transit instrument, with three-inch object-glass, costs, . .	1,000 00
A chronometer, required for use with instruments, costs, . .	250 00

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Total probable cost, . . . . . \$3,050 60

These are the instruments planned by my predecessor, and suitable for the instruction required.

*Eighth.* In any case the increase in the number and extent of the courses of instruction in astronomy require assistance in recitation work. I am not authorized to ask the present assistant in the Observatory to assist in this.

In view of these facts the undersigned respectfully requests that the Board appropriate a sum sufficient for the purchase of the instruments named, and that they make Mr. Schaeberle an Instructor, and that they authorize him to assist in the recitation room.

Respectfully submitted,

MARK W. HARRINGTON,  
Prof. Ast. and Director Obs.

At the conclusion of the reading of the paper Regent Grosvenor submitted the following resolution :

*Resolved*, That the sum of \$3,050, or so much thereof as may be necessary, be and is hereby appropriated for the purchase of the instruments named in the paper just read by Regent S. S. Walker, the same to be expended under the direction of Professor Harrington.

The vote on the adoption of Regent Grosvenor's resolution was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Grosvenor and Shearer.

Nays—None.

On motion, the Board adjourned to April 13th, at 7½ o'clock, P. M.

H. D. BENNETT, Secretary.

## ADJOURNED MEETING IN APRIL.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, April 13, 1880.

The Board of Regents assembled in the room of the President pursuant to adjournment, at 7½ o'clock, P. M.

Present: a full Board.

On motion of Regent Cutcheon, the reading of the minutes of the March meeting of the Board was dispensed with, and the Secretary was ordered to have the proceedings of both the March and April meetings printed together.

The President announced to the Board that he was in receipt of a communication containing a notice of a motion to be made in the Supreme Court at Lansing in the case entitled "The Regents of the University of Michigan *vs.* Preston B. Rose et al.; Silas H. Douglas *vs.* The Regents of the University of Michigan," which, on motion, was referred to the Special Committee consisting of Regents Cutcheon, E. C. Walker and Van Riper.

Regent Duffield read the following report, which was accepted and ordered printed in the minutes:

*To the Honorable Board of Regents:*

362 The Executive Committee to whom was referred, January 22, 1878, the Revision of the Laws and By-laws of the University, would respectfully report to the Board of Regents as follows, viz.:

I. They have made themselves acquainted with the Constitution, General Laws, and Statutes of the State of Michigan, and have ordered so as to make the present Code of By-laws in entire accordance with the same.

II. They have made diligent and successful search for all printed editions of the Laws, Ordinances, By-Laws and Regulations, and find them to be as follows:

1. Journal of the Proceedings of the Board of Regents, June 5th, 1837. Printed at Detroit.

2. Code of Laws for the Government of the Branches of the University of Michigan adopted by the Board of Regents, May 7, 1839. Detroit, 1839.

3. Report of the Committee on Professorships, April 2d, 1845.

4. Code of Laws and Regulations for the Government of the University, 1848.

5. Epitome of the Transactions of the Regents of the University with some reasons for the adoption of their most important measures from 1837 to June 30, 1851. Lansing, 1852.

6. Laws, Ordinances, By-Laws and Regulations for the Government of the University of Michigan. Revised and adopted December 20, 1860. Took effect February 1st, 1861.

7. Constitutional Provisions, Laws and By-Laws of the University of Michigan. Revised Edition: Adopted February 16, 1864.

8. Chancellor Tappan's Review of the New Code. Detroit, 1864.

9. These various pamphlets have been collected and bound in the volume herewith presented, entitled "By-Laws of the Michigan University, 1837-1880," and which inasmuch as it cannot be duplicated, your Committee recommend to be kept in the safe as the exclusive property of the Board.

III. Your Committee have reviewed the entire Proceedings of the Board of Regents, both as printed since January, 1864, and as previously engrossed in the several volumes of the Journal.

IV. They have in all cases carefully collated the present Laws and By-laws with the originals, and detected various errors and omissions.

V. They have submitted the By-Laws as they now exist for the consideration of the respective Faculties, and received their reports upon the same.

VI. In accordance with a resolution of the Board, June, 1879, proof sheets of the proposed revision were struck off in advance of the October meeting, and forwarded to each of the Regents for examination and approval.

VII. The Regents not having time at the October meeting to consider the proposed revision, it still remains as unfinished business to be finally acted upon, either at this meeting or the meeting in June.

Alike for the Board of Regents, for the Professors in the several Departments, and for the students of the University, it is very important that the By-Laws as thus revised and amended, be printed and ready for distribution at or before the next October meeting. With this preliminary report, your Committee desire to be continued with the understanding that every Regent will give the proposed revision his careful personal consideration—that Acting President Frieze be sub-



stituted for President Angell during the latter's absence, and that a complete and final report be made at the June meeting.

ANN ARBOR, April 13th, 1880.

Regent E. C. Walker presented the following resolution which was adopted :

WHEREAS, It appears by affidavit that John C. Simonds, a graduate of the law class of 1873, has lost his diploma,

*Resolved*, That he be granted a duplicate diploma upon the usual terms.

On motion of Regent Cutcheon, the thanks of the Board were presented to Regent Duffield for the gift of the volume containing a compilation of the rules, regulations and by-laws of the University from its organization to date.

Regent Climie, of the Committee on Buildings and Grounds, to whom was referred the matter of adjusting the account and making a settlement with Wm. Beatty, contractor, stated that in consequence of not being able to obtain papers then in the hands of said Beatty, he had been unable to accomplish the work assigned him by the Board. Further time was granted.

Regent Climie, moved that the Board go into executive session. Agreed to.

Regent Grosvenor presented the following resolution :

*Resolved*, That the Select Committee, to whom was referred the strengthening of the Museum Building, be discharged from the further consideration of the subject, and that the same be referred to the Committee on Buildings and Grounds and the Committee on Law Department, with power to complete or to contract for the proper completion of said Museum Building, and adjust all differences that may exist between contractors and the Board of Regents.

The vote on the adoption of Regent Grosvenor's resolution was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

Nays—None.

The following resolution, submitted by Regent E. C. Walker, was unanimously adopted :

*Resolved*, That Professor B. F. Cocker be granted leave of absence after May 1st, for the remainder of the year, if necessary, owing to ill health.

The following communication was received from the Dean of the Faculty of the Department of Medicine and Surgery :

ANN ARBOR, MICHIGAN, }  
April 13, 1880. }

*To the Honorable the Board of Regents :*

*Gentlemen:*—Mr. Sifton, who was voted upon by the Faculty and passed with a good vote, and was thus recommended to the Regents for the degree of M. D. when he should have completed his terms of study—this requirement has been complied with and he is now entitled to his degree.

A. B. PALMER,  
Dean of Faculty.

On motion of Regent Grosvenor, the degree of Doctor of Medicine was granted to Mr. A. W. Sifton, in accordance with the recommendation of the Medical Faculty.

On motion, the Board adjourned to 9 o'clock to-morrow morning.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, April 14, 1880. }

The Board of Regents reconvened in the room of the President at 9 o'clock, at A. M.

Present: a full Board.

Regent S. S. Walker read the following report :

The undersigned, a member of the Committee in charge of the General Catalogue, would report that the work has been very fully prepared by Mr. Theodore R. Chase, of Detroit, the Necrologist of the Alumni Association, and embraces as full a list and memoranda as it has been possible to obtain of all the graduates of all the Departments, giving the present occupations, residences and a somewhat full account of their progress, etc. Besides this a complete list of those persons who have been from time to time students in the Literary Department, but who have not graduated, arranged with their classes, has been incorporated into the work. A geographical index, showing the Alumni and students' residence in every place where they are located, has also been prepared. Short biographical sketches of the early officers of the University have been prepared, adding much to the interest of the work. These variations from the former plan of the General Catalogue will add very largely to its value and make a fine showing of the extent and ramifications of University influence.

Your Committee have made no arrangements for the publication of the same, but the time has arrived when it should not longer be delayed.

It has occurred to the undersigned that if the work could be published as a business enterprise by some responsible parties, and the University purchase such number of them as it would require, that it would be much more satisfactory to the University than to undertake the publication of the same and the management of the sale of the surplus copies.

The labors connected with the preparation of the copy have been immense and should receive some compensation. The undersigned would submit the following resolutions as the position it would seem desirable that the University should hold with reference to the matter and which I think will be reasonably satisfactory to Mr. Chase, the compiler, and to all interested.

At the close of the reading of the foregoing report Regent S. S. Walker submitted the following resolution :

*Resolved*, That the Board of Regents will purchase for the use of the University 600 copies of the General Catalogue or University Book prepared by Mr. T. R. Chase, at the retail price of the same, not to exceed \$1.50 each, provided that the same is issued in a style and manner of workmanship, weight of paper, etc., according to the samples exhibited to the Board and Committee. The sums already paid by the University for the collection of material to be a part of the gross sum for said 600 copies.

The resolution of Regent Walker was adopted by vote as follows :

Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

Nays—None.

The following report was received and read by Regent Cutcheon :

*Gentlemen of the Board of Regents :*

The Committee upon the Literary Department, to which was referred the matter of the changes and readjustments rendered necessary by the leave of absence granted to President Angell to enable him to accept the appointment of Minister of the United States Government to the Chinese Empire, and whose salary lapses during his absence, would respectfully report :

*First.* That in view of the increased expense that will devolve upon Professor and Acting-President Frieze to enable him to represent the University as its Acting-President becomingly to himself and the University, we recommend that during the time that he shall perform the duties of Acting-President his salary shall be increased to the sum

of \$3,500 per annum, together with his necessary fuel and lights, which will still leave a considerable pecuniary saving to the University, after supplying all the additional instruction necessary.

*Second.* That to provide for the instruction heretofore given by President Angell, Henry C. Adams. A. M., be and he is hereby appointed Lecturer upon Political Economy for one semester, at a salary of \$800. Also, that Herbert Tuttle, A. M., be and he is hereby appointed Lecturer on International Law, for one semester, at a salary of \$600 for such service.

*Third.* That to provide for the work in Latin, Mr. Theodore H. Johnson, an Alumnus of this University of the Class of 1874, be and he is hereby appointed instructor in the Latin Language, at a salary of \$900 per annum.

*Fourth.* That these several appointments shall take effect from the beginning of the next college year.

*Fifth.* That the President cause these several appointments to be communicated to the several gentlemen named, and ask their acceptance of the same to be communicated to the Board prior to the June meeting.

B. M. CUTCHEON,  
GEO. DUFFIELD,  
JAS. SHEARER.

At the conclusion of the reading of the above report Regent Cutcheon moved its adoption. The motion prevailed by the following vote :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

Nays—None.

Regent Cutcheon of the Special Committee on Appointing Counsel, etc., submitted the following report :

The undersigned, from the Committee to which was referred the Notice of Hearing served upon the Board in the case of the Regents vs. Silas H. Douglas et al., and the matter of the employment of counsel therein, would respectfully report that they have given the matters referred to them the careful consideration that the importance of the subject demands, and have arrived at the following conclusions :

*First.* That we should adopt that course which will most speedily bring to a termination this long pending and irritating litigation.

*Second.* That having been entrusted with the protection of the rights of the University, we cannot, after having expended so much for their vindication, now, in the last act, abandon those rights and

abdicate our duty as trustees, without justly subjecting ourselves to the severest criticism.

*Third.* That considering the immense volume of the record in the case, the great public attention that has been necessarily or unnecessarily drawn to it, the animadversions that have already been indulged in upon the Supreme Court, before that Court has reached the case, it is in the highest degree due to that Court, it is due to ourselves, and due to the people of the State, that the Court shall have all proper assistance in sifting the evidence and arriving at the right of the case, that we can give.

*Fourth.* That in view of the very large amount of costs which a modification of the decree in favor of the Appellant might entail upon the University, we do not believe that we can be justified in leaving our interests without protection, or without a vigorous and *bona fide* presentation of the University's side of the case.

Especially is this so, in view of the general principle that in civil cases like this, Courts will hold those objections to be waived which are not taken, and that parties deliberately abandoning their cases, are held thereby to concede that they have no rights which they insist upon.

*Fifth.* We believe that we should treat this case as we would if it were our own private case, and see to it that the University takes no detriment, which we can avert.

At the July, 1879, meeting, after the case had been appealed to the Supreme Court, this Board, *by unanimous vote*, requested the Governor to direct the Attorney General, Hon. O. Kirchner, to appear in behalf of the Board upon the appeal.

The only objection to counsel then urged was the pecuniary one.

In the Resolutions of October, 1879, the preamble recited the large expense already incurred, and "*Resolved, That no further expense be incurred by the employment of counsel.*"

In both these cases the only objection urged to counsel was the pecuniary one.

A careful reconsideration of the whole subject satisfies us that after so great an expense has been incurred in the preliminaries of the case, we ought not to surrender all that we have gained, and deliberately abandon our case in the final stage of the litigation.

For these reasons we are of the opinion that we shall simply discharge our plain duty by placing our case in the hands of competent counsel, with instructions to press it to the speediest possible termination, and to vindicate the rights of the University with all possible vigor. All of which is respectfully submitted. B. M. CUTCHEON,  
E. C. WALKER.

At the close of the reading of the above report by Regent Cutcheon, Regent Van Riper said that, inasmuch as he could not join the majority of the Committee in their report, he felt constrained to submit a minority report, which he read, as follows :

*To the Honorable the Board of Regents of the University of Michigan :*

- A majority of the Committee to consider the question of the appointment of Counsel in the University case, now pending in the Supreme Court, having agreed upon and presented a report which does not meet my views, and, which I regret to say is not in accordance with what I believe to be for the best interests of the University, I beg leave to submit the following Minority Report.

From my recent appointment as a member of this honorable body it will hardly be expected that I should be able to determine the merits of the unfortunate controversy out of which this suit has grown, nor do I deem it necessary to be able so to do in order to pass upon and determine the matters submitted to your Committee, for I think that all personal considerations of guilt or innocence, as well as the question of dollars and cents, dwarf into insignificance in the presence of what I believe is the supreme question of the hour, the peace and prosperity of this great University.

The decree in the Court below in favor of Dr. Douglas was for the sum of \$17.46, and, deeming this inequitable, he has appealed this case to the Supreme Court, hoping for a more favorable result. I think it will be admitted that this appeal must necessarily bring up for rehearing before the Court the entire case as heard in the Court below, and that the contest of the past four years must be fought over again with all its attendant bitterness, and, should the University employ counsel, it must necessarily become an active participant therein so long as it shall be contested in the Supreme Court, and from thence into the Circuit Court, should the cause be remanded back for further proceedings, and thus this unfortunate and expensive litigation be indefinitely continued. It is true this case may end in the Supreme Court, but we have no assurance of that fact, and to those who know the delays and the shifting of causes from Court to Court there can be only a hope that it will end in the Supreme Court, but can have no certainty of that fact.

The defence of this case, if it is followed up, will in my humble judgment cost the University far more than Dr. Douglas can obtain by a refusal on the part of the Regents to pursue the case further, so that even from a pecuniary point of view, the University being in need of all its income, the demand is imperative that the expense attending all

legal proceedings should be ended. Nor is this case like that of an individual, for he alone suffers in his mind, but while this contest continues the University is upon the rack and her great and varied interests suffer from a want of unity of purpose and harmony of action and effort. An individual may for years engage in litigation, and the peace and harmony of his family and business relations not be disturbed, but such is not this case, for should the University again employ Counsel and actively engage in this suit, the animosities, the hatreds, the criminations and recriminations of the past, now happily in a great measure suppressed, will spring up again, renewed and intensified.

I have given this matter much thought and consideration, have looked upon the question in its various aspects, seeking only for the greatest good to the University. And in seeking for that good, and for the proper course to pursue to bring it about, I find in the Proceedings of this honorable Board, in the meeting of October last, a preamble and resolution adopted by this Board, which so fully and clearly meet my views that I cannot do better than embody them in my report and they are as follows :

" WHEREAS, This Board unanimously resolved at the March, 1879, meeting, that our Counsel be instructed that it is not the wish of this Board to incur the expense of an appeal to the Supreme Court, and further, that the services of Counsel being no longer necessary, all Counsel be and are hereby discharged ; and

" WHEREAS, Further, the amounts paid to lawyers by this Board in the recent litigation, aggregated not far from \$5,000 ; and,

" WHEREAS, Any further expenditures of money for the purpose of litigation would be an unwarranted waste of public funds ; and,

" WHEREAS, The Supreme Court will have the necessary facts before them, and cannot be supposed to be improperly influenced, as against the University, by any argument which may be presented ; therefore,

*Resolved*, That no further expense be incurred for the employment of Counsel, and that the services of all Counsel be dispensed with in relation to the case."

This action meets my approval. This resolution relieved the people from the alarm which prevailed that this relentless and bitter controversy would end in seriously endangering the future of the University and entail upon it years of dissension and strife.

In my humble opinion, that resolution and the action of this Board thereon is the only solution of this difficult problem. All of the reasons that could then be urged in favor of the adoption of this preamble and resolution, in whole or in part, apply at the present time with even greater force, for now that this strife since that period has been greatly allayed, it is unwise to renew it again. We find that in addition to the \$5,000 above set forth for legal services were other

expenses, amounting to about \$3,500, making a total of about \$8,500, besides a cost of \$4,000 to the State for Legislative investigations.

The position therein taken that "any further expenditure of money for the purpose of litigation would be an unwarrantable waste of public funds," is in my humble judgment fortified by the facts and is impregnable, for no man can tell where this suit will end if we appear in the case.

It is suggested in that resolution that the Supreme Court will have the facts before it, and it seems to me that we can safely trust it with them, for even if the decree should be somewhat larger than it now is it would not exceed the amount that must be paid out, being about \$700 for Counsel fees, even to care for it in the Supreme Court.

This resolution was passed in October last by a majority of this Board, by men who had passed through all or nearly all of this bitter struggle and knew all its heights and depths, and I think we can safely confide in their judgment then and there expressed, and, knowing the great ability, sound judgment and inherent honesty of purpose of Regents Cutcheon, Rynd, Climie, Duffield and Maltz, I am gratified to be able to agree so fully with their views as expressed in the October resolution, and do therefore recommend that we abide by the resolution then adopted, and that this Board take no further action in this matter.

All of which is respectfully submitted.

J. J. VAN RIPER,

Of Committee on Counsel.

At the close of the reading of the above report by Regent Van Riper, Regent Grosvenor moved that both reports from the Special Committee on Counsel be respectfully received and that they be printed in the minutes. The motion prevailed.

At the close of the discussion on the reports of the Special Committee, Regent Cutcheon moved the adoption of the majority report. Pending a vote on Regent Cutcheon's motion Regent Grosvenor and Regent Shearer briefly addressed the Board and said they desired a little more time for consideration previous to recording their votes upon the question under discussion, whereupon Regent E. C. Walker moved that the matter now being discussed be laid on the table, and that it be made the special order for 2 o'clock, P. M., to-day. Agreed to.

Regent Climie presented the following resolution :

*Resolved*, That the Faculty of the Department of Medicine and Surgery are hereby authorized to appoint an assistant in the Hospital



for Dr. D. Maclean ; also an assistant for Dr. G. E. Frothingham, and one assistant also for Drs. E. S. Dunster and A. B. Palmer, the compensation for such services to be determined by the Committee on Medical Department.

Regent S. S. Walker moved that the resolution of Regent Climie be referred to the Committee on Medical Department, with instructions to report at the June meeting of the Board, which was agreed to.

The following resolution, submitted by Regent Climie, was adopted :

*Resolved*, That there shall be added to the title of Alonzo B. Palmer, M. A., M. D., the words "and Clinical Medicine;" to the title of George E. Frothingham, M. D., "and Clinical Ophthalmology;" to the title of Edward S. Dunster, M. A., M. D., "and Clinical Gynecology."

Regent Climie presented the following resolution and asked that it be referred to the Committee on Medical Department. The request was granted, and the resolution was as follows :

*Resolved*, That the Faculty of the Homœopathic Medical College are hereby authorized to appoint a Secretary of said Faculty at a salary of one hundred dollars per year, commencing first day of July next.

On motion of Regent Climie, the Board took a recess to 2 o'clock, P. M.

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UNIVERSITY OF MICHIGAN, }  
Wednesday, April 14, 1880. }

The Board reassembled in the room of the President at 2 o'clock, P. M.

Present: a full Board.

The President announced the special order of business to be the pending motion of Regent Cutcheon to adopt the majority report of the Special Committee on appointment of Counsel in the suit now pending in the Supreme Court at Lansing.

Regent Van Riper stated that, previous to the pending vote being taken, he desired to amend the minority report submitted by him at the morning session, by striking out what was said in reference to the case of Woodward *vs.* Chester, on appeal from Allegan County, and printed in the *Northwestern Reporter*, vol. 4, p. 713. Leave was granted.

Regent Cutcheon requested that the vote on the adoption of the report submitted by him at the morning session, and made the special order for this hour, be now taken. Agreed to.

The roll being called, the result was as follows :

Ayes—Regents E. C. Walker, Cutcheon and S. S. Walker.

Nays—Regents Climie, Duffield, Van Riper, Grosvenor and Shearer.

The report was declared not adopted.

Regent Van Riper moved the adoption of the minority report of the Committee, submitted and read by him at the morning session.

Pending a vote on the adoption of the minority report, Regent Grosvenor moved to lay it upon the table. Regent Van Riper asked leave to withdraw his motion to adopt his report, which was granted. Regent Grosvenor's motion to lay upon the table then prevailed.

Regent Cutcheon submitted the following report and resolution, which were adopted, *nem. con.*:

The undersigned, the Executive Committee, to whom was referred the resolution of Regent Rynd at the special meeting of the Board in February last, as follows, to wit :

WHEREAS, We have reason to believe that the lectures in the Law Department are irregular and frequently omitted by different Professors for many days and even weeks at a time, to the great detriment of that department: therefore,

*Resolved*, That the Executive Committee be directed to inquire into the facts and report at the next meeting of this Board the extent to which this habit of absenting themselves from duty at the regular lecture hours has been practiced by the Professors in the Law Department, and report the delinquency, if any, of each and every Professor in that Department, as near as the same can be ascertained during the present college year;—would respectfully report that they have endeavored to perform the duty assigned to them to the best of their ability.

That owing to an entire want of specification as to time, extent, or manner or cause of the irregularities referred to in the resolution, and no one having come forward to furnish any specifications, we have been able to prosecute our inquiry only in a general manner.

We have called the attention of the Faculty of the Law Department to the resolution in question, and have received from them the annexed report, marked "Exhibit A," also a schedule of the lectures

delivered in the Department during the past two years hereto attached, marked "Exhibit B."

From these schedules and reports, as well as from such other evidence as we have been able to obtain, we are of the opinion that the information, upon which said resolution was based, was erroneous, and that the Faculty of the Law Department have discharged their duty with fidelity in accordance with the understanding at the time they were called into the service of the University.

In this connection we would report that when the Law Department was organized in 1859, Judges Cooley and Campbell were both then, as now, connected with the Supreme Court, and we do not doubt that it was for that reason in part, that they were called as Professors in the infant Law School.

It is unquestionably true that they were called with the distinct understanding that their connection with the Supreme Court was to continue; and that as the sessions of the Supreme Court occurred in October and January of each year, during the sessions of the Law School, it would be necessary for them to be absent for some time during each term of the Law School.

During the entire period of the existence of the Law School extending over a space of twenty years, the practice has been in accordance with this understanding.

That it has worked no serious detriment to the School is evidenced by the fact that within this short period and under these same instructors and largely if not chiefly through their influence, the school has become the largest Law School upon the continent, excepting only Columbia, which is located in the heart of New York city and draws its students chiefly from the law offices of that metropolis; and financially has become not only self-supporting, but it is at the present time yielding a large revenue for the support of the other Departments of the University.

This arrangement does not deprive the School of any of its regular lectures or instruction, but simply modifies the order of the lectures, which we are satisfied may be done without any injurious effects either to the School or the students.

In closing this report we desire to express our conviction that the distinguished gentlemen who have so successfully conducted the Law School for twenty years, and have done so much to extend and increase the reputation and influence of this University, have been faithful to their duties, and with a genuine affection for the great School they have done so much to build up, they will omit nothing in their power to add to its fame and usefulness in the future.

We submit the following resolution :

*Resolved*, That it is not advisable to inaugurate any change in the practice which has obtained ever since the organization of the Law School, in retaining the services of members of the Faculty connected with the Supreme Court, and allowing such arrangement of lectures among Professors as will allow them to attend upon the sessions of the Supreme Court occurring during the lecture term.

Respectfully submitted,

J. B. ANGELL,  
B. M. CUTCHEON,  
GEORGE DUFFIELD,  
JAS. SHEARER.

EXHIBIT "A."

LAW DEPARTMENT, MICHIGAN UNIVERSITY, }  
ANN ARBOR, March 19, 1879.

HON. B. M. CUTCHEON, *Chairman Committee on Law Department, Board of Regents:*

*Sir:* Referring to your letter calling upon the members of the Faculty of Law for information respecting supposed irregularities in giving instruction in the department within the last two years, the undersigned beg leave to report:

*First.* There have been no such irregularities whatever. The undersigned have given the regular courses of lectures, and the usual supplementary instruction, and were not aware until after the last meeting of the Board of Regents that the fact was questioned. Reviewing their course at this time, they believe the suggestion to the contrary to be entirely without foundation in fact.

As your letter does not call attention to any particular supposed delinquencies, it would perhaps be proper for us to conclude the report here. But as the undersigned have been informed that the resolution of the Board of Regents, which was the occasion for your letter was based upon reports of absences from the University of members of this faculty, and certain supposed occasions when a single lecture in a day was delivered instead of two, the undersigned further report.

That it is perfectly true that the members of this Faculty have not regularly at all times remained in Ann Arbor in attendance upon the University during the lecture season. But they say in respect thereto that their attendance has been in exact conformity to the original understanding when the two senior members of the Faculty were appointed: an understanding which they have never been requested to change or depart from. The understanding referred to was that the two members then, as now, connected with the Supreme Court would necessarily be compelled by official duties to be absent from the University for

a portion of the College year, and that the several professors should therefore be at liberty to arrange between themselves respecting the time when they severally should lecture, taking care only that at all times one of the professors should be on hand with the class. On no other understanding could Professors Campbell and Cooley have accepted or retained their positions, and probably on no other understanding would the Regents have desired it.

That it is true that on one day during the present session a single lecture only was delivered. The day was the first after Thanksgiving and the reason for delivering but one was that it was found a majority of the students had not returned. It seemed but proper and just under the circumstances to omit the regular lectures, and give one out of the regular course, which was done. The omission was made up on a subsequent College day when, instead of giving a vacation, as was done in the Department of Literature, Science and the Arts, Prof. Kent gave lectures in the course. And it may not be improper in this connection to state that several extra lectures were given last year.

*Third.* The undersigned beg leave further to say that not during the last two years only, but during the whole time of their connection with the institution, covering with two of them the whole existence of the Department, they have never failed in performing for the Department any thing required of them by the understanding under which they were appointed, and never failed, as they believe, to have the approbation in that regard of the President of the University for the time being. With them it has been a principle to co-operate heartily with that officer in strengthening not their own Department merely, but the University in general, and until they learn from the action of the Board of Regents that the judgment of that body is otherwise, they will continue to believe, as they do now, that their general course as instructors has been satisfactory and useful.

All of which is respectfully submitted.

JAMES V. CAMPBELL,  
THOMAS M. COOLEY,  
C. A. KENT,  
WILLIAM P. WELLS.

#### EXHIBIT "B."

UNIVERSITY OF MICHIGAN, LAW DEPARTMENT, }  
ANN ARBOR, March 19, 1879.

DAYS OCCUPIED WITH LECTURES BY EACH OF THE PROFESSORS IN THE LAW  
DEPARTMENT, 1877-8.

October..... 1, . . . . .	Prof. Cooley.
2, . . . . .	Prof. Kent.

October.....	3,	.	.	.	.	.	Prof. Kent.
	4,	.	.	.	.	.	Prof. Wells.
	5,	.	.	.	.	.	Prof. Campbell.
	8,	.	.	.	.	.	Prof. Wells.
	9,	.	.	.	.	.	Prof. Kent.
	12,	.	.	.	.	.	Prof. Kent.
	11,	.	.	.	.	.	Prof. Wells.
	12,	.	.	.	.	.	Prof. Wells.
	15,	.	.	.	.	.	Prof. Cooley.
	16,	.	.	.	.	.	Prof. Wells.
	17,	.	.	.	.	.	Prof. Wells.
	18,	.	.	.	.	.	Prof. Kent.
	19,	.	.	.	.	.	Prof. Kent.
	22,	.	.	.	.	.	Prof. Campbell.
	23,	.	.	.	.	.	Prof. Kent.
	24,	.	.	.	.	.	Prof. Kent.
	25,	.	.	.	.	.	Prof. Wells.
	26,	.	.	.	.	.	Prof. Wells.
	29,	.	.	.	.	.	Prof. Cooley.
	30,	.	.	.	.	.	Prof. Kent.
	31,	.	.	.	.	.	Prof. Kent.
November	1,	.	.	.	.	.	Prof. Wells.
	2,	.	.	.	.	.	Prof. Wells.
	5,	.	.	.	.	.	Prof. Campbell.
	6,	.	.	.	.	.	Prof. Cooley.
	7,	.	.	.	.	.	Prof. Cooley.
	8,	.	.	.	.	.	Prof. Wells.
	9,	.	.	.	.	.	Prof. Kent.
	12,	.	.	.	.	.	Prof. Cooley.
	13,	.	.	.	.	.	Prof. Campbell.
	14,	.	.	.	.	.	Prof. Campbell.
	15,	.	.	.	.	.	Prof. Wells.
	16,	.	.	.	.	.	Prof. Cooley.
	19,	.	.	.	.	.	Prof. Cooley.
	20,	.	.	.	.	.	Prof. Campbell.
	21,	.	.	.	.	.	Prof. Kent.
	22,	.	.	.	.	.	Prof. Wells.
	23,	.	.	.	.	.	Prof. Cooley.
	28,	.	.	.	.	.	Prof. Cooley.
	27,	.	.	.	.	.	Prof. Campbell.
	28,	.	.	.	.	.	Prof. Campbell.
	29,	.	.	.	.	.	Thanksgiving.
	30,	.	.	.	.	.	Prof. Cooley.

December	3,	.	.	.	.	.	Prof. Cooley.
	4,	.	.	.	.	.	Prof. Campbell.
	5,	.	.	.	.	.	Prof. Campbell.
	6,	.	.	.	.	.	Prof. Kent.
	7,	.	.	.	.	.	Prof. Cooley.
	10,	.	.	.	.	.	Prof. Cooley.
	11,	.	.	.	.	.	Prof. Campbell.
							Also extra lecture.
	12,	.	.	.	.	.	Prof. Campbell.
							Also extra lecture.
	13,	.	.	.	.	.	Prof. Kent.
	14,	.	.	.	.	.	Prof. Wells.
							Also extra lecture.
	17,	.	.	.	.	.	Prof. Cooley.
							Also extra lecture.
	18,	.	.	.	.	.	Prof. Campbell.
	19,	.	.	.	.	.	Prof. Campbell.
	20,	.	.	.	.	.	Prof. Cooley.
	21,	.	.	.	.	.	Prof. Wells.
	22,	.	.	.	.	.	Holiday Vacation.
1878.							
January...	7,	.	.	.	.	.	Prof. Cooley.
	8,	.	.	.	.	.	Prof. Kent.
	9,	.	.	.	.	.	Prof. Kent.
	10,	.	.	.	.	.	Prof. Wells.
	11,	.	.	.	.	.	Prof. Wells.
	14,	.	.	.	.	.	Prof. Campbell.
	15,	.	.	.	.	.	Prof. Kent.
	16,	.	.	.	.	.	Prof. Kent.
	17,	.	.	.	.	.	Prof. Wells.
	18,	.	.	.	.	.	Prof. Wells.
	21,	.	.	.	.	.	Prof. Cooley.
	22,	.	.	.	.	.	Prof. Wells.
	23,	.	.	.	.	.	Prof. Wells.
	24,	.	.	.	.	.	Prof. Kent.
	25,	.	.	.	.	.	Prof. Kent.
	28,	.	.	.	.	.	Prof. Campbell.
	29,	.	.	.	.	.	Prof. Wells.
	30,	.	.	.	.	.	Prof. Kent.
	31,	.	.	.	.	.	Prof. Kent.
February..	1,	.	.	.	.	.	Prof. Kent.
	4,	.	.	.	.	.	Prof. Campbell.
	5,	.	.	.	.	.	Prof. Campbell.
	6,	.	.	.	.	.	Prof. Kent.

February..	7,	.	.	.	.	.	Prof. Cooley.
	8,	.	.	.	.	.	Prof. Cooley.
	11,	.	.	.	.	.	Prof. Cooley.
	12,	.	.	.	.	.	Prof. Cooley.
	13,	.	.	.	.	.	Prof. Campbell.
	14,	.	.	.	.	.	Prof. Campbell.
	15,	.	.	.	.	.	Prof. Wells.
	18,	.	.	.	.	.	Prof. Cooley.
	19,	.	.	.	.	.	Prof. Cooley.
	20,	.	.	.	.	.	Prof. Kent.
	21,	.	.	.	.	.	Prof. Campbell.
	22,	.	.	.	.	.	Washington's Birth-day Celebration.
	25,	.	.	.	.	.	Prof. Campbell.
	26,	.	.	.	.	.	Prof. Wells.
	27,	.	.	.	.	.	Prof. Kent.
	28,	.	.	.	.	.	Prof. Campbell.
March.....	1,	.	.	.	.	.	Prof. Wells.
	4,	.	.	.	.	.	Prof. Campbell.
	5,	.	.	.	.	.	Prof. Kent.
	6,	.	.	.	.	.	Prof. Campbell.
	7,	.	.	.	.	.	Prof. Campbell.
	8,	.	.	.	.	.	Prof. Wells.
	11,	.	.	.	.	.	Prof. Campbell.
	12,	.	.	.	.	.	Prof. Kent.
	13,	.	.	.	.	.	Prof. Cooley.
	14,	.	.	.	.	.	Prof. Cooley.
	15,	.	.	.	.	.	Prof. Wells.
	18,	.	.	.	.	.	Prof. Campbell.
	19,	.	.	.	.	.	Prof. Wells.
	20,	.	.	.	.	.	Prof. Cooley.
							Also extra lecture.
	21,	.	.	.	.	.	Prof. Cooley.
							Also extra lecture.
	22,	.	.	.	.	.	Final examinations begin.

DAYS OCCUPIED WITH LECTURES BY EACH OF THE PROFESSORS IN THE LAW DEPARTMENT, 1878-9.

1878.

October.....	1,	.	.	.	.	.	Prof. Cooley.
	2,	.	.	.	.	.	Prof. Cooley.
	3,	.	.	.	.	.	Prof. Campbell.
	4,	.	.	.	.	.	Prof. Campbell.



October.....	7,	.	.	.	.	.	Prof. Cooley.
	8,	.	.	.	.	.	Prof. Kent.
	9,	.	.	.	.	.	Prof. Kent.
	10,	.	.	.	.	.	Prof. Kent.
	11,	.	.	.	.	.	Prof. Kent.
	14,	.	.	.	.	.	Prof. Campbell.
	15,	.	.	.	.	.	Prof. Kent.
	16,	.	.	.	.	.	Prof. Kent.
	17,	.	.	.	.	.	Prof. Wells.
	18,	.	.	.	.	.	Prof. Wells.
	21,	.	.	.	.	.	Prof. Cooley.
	22,	.	.	.	.	.	Prof. Kent.
	23,	.	.	.	.	.	Prof. Kent.
	24,	.	.	.	.	.	Prof. Wells.
	25,	.	.	.	.	.	Prof. Wells.
	28,	.	.	.	.	.	Prof. Campbell.
	29,	.	.	.	.	.	Prof. Kent.
	30,	.	.	.	.	.	Prof. Kent.
	31,	.	.	.	.	.	Prof. Wells.
November	1,	.	.	.	.	.	Prof. Wells.
	4,	.	.	.	.	.	Prof. Cooley.
	5,	.	.	.	.	.	General Election.
	6,	.	.	.	.	.	Prof. Campbell.
	7,	.	.	.	.	.	Prof. Campbell.
	8,	.	.	.	.	.	Prof. Wells.
	11,	.	.	.	.	.	Prof. Campbell.
	12,	.	.	.	.	.	Prof. Campbell.
	13,	.	.	.	.	.	Prof. Cooley.
	14,	.	.	.	.	.	Prof. Wells.
	15,	.	.	.	.	.	Prof. Cooley.
	18,	.	.	.	.	.	Prof. Cooley.
	19,	.	.	.	.	.	Prof. Kent.
	20,	.	.	.	.	.	Prof. Kent.
	21,	.	.	.	.	.	Prof. Wells.
	22,	.	.	.	.	.	Prof. Wells.
	25,	.	.	.	.	.	Prof. Campbell.
	26,	.	.	.	.	.	Prof. Campbell.
	27,	.	.	.	.	.	Prof. Cooley.
	28,	.	.	.	.	.	Prof. Cooley.
	29,	.	.	.	.	.	Thanksgiving.
December	2,	.	.	.	.	.	Prof. Cooley, half-day.
	3,	.	.	.	.	.	Prof. Campbell.
	4,	.	.	.	.	.	Prof. Kent.

December	5,	.	.	.	.	.	Prof. Cooley.
							Prof. Wells absent from ill-health.
	6,	.	.	.	.	.	Prof. Cooley.
	9,	.	.	.	.	.	Prof. Campbell.
	10,	.	.	.	.	.	Prof. Campbell.
	11,	.	.	.	.	.	Prof. Kent.
	12,	.	.	.	.	.	Prof. Cooley.
	13,	.	.	.	.	.	Prof. Cooley.
	16,	.	.	.	.	.	Prof. Campbell.
	17,	.	.	.	.	.	Prof. Campbell.
	18,	.	.	.	.	.	Prof. Kent.
	19,	.	.	.	.	.	Prof. Cooley.
	20,	.	.	.	.	.	Prof. Cooley.
							Prof. Wells absent from ill-health.
	21,	.	.	.	.	.	Holiday Vacation.
1879.							
January...	6,	.	.	.	.	.	Prof. Cooley.
	7,	.	.	.	.	.	Prof. Kent.
	8,	.	.	.	.	.	Prof. Kent.
	9,	.	.	.	.	.	Prof. Wells.
	10,	.	.	.	.	.	Prof. Wells.
	13,	.	.	.	.	.	Prof. Campbell.
	14,	.	.	.	.	.	Prof. Kent.
	15,	.	.	.	.	.	Prof. Kent.
	16,	.	.	.	.	.	Prof. Wells.
	17,	.	.	.	.	.	Prof. Wells.
	20,	.	.	.	.	.	Prof. Campbell.
	21,	.	.	.	.	.	Prof. Kent.
	22,	.	.	.	.	.	Prof. Kent.
	23,	.	.	.	.	.	Prof. Wells.
	24,	.	.	.	.	.	Prof. Wells.
	27,	.	.	.	.	.	Prof. Cooley.
	28,	.	.	.	.	.	Prof. Kent.
	29,	.	.	.	.	.	Prof. Kent.
	30,	.	.	.	.	.	Prof. Wells.
	31,	.	.	.	.	.	Prof. Wells.
February..	3,	.	.	.	.	.	Prof. Cooley.
	4,	.	.	.	.	.	Prof. Campbell.
	5,	.	.	.	.	.	Prof. Campbell.
	6,	.	.	.	.	.	Prof. Cooley.
	7,	.	.	.	.	.	Prof. Wells.
	10,	.	.	.	.	.	Prof. Cooley.
	11,	.	.	.	.	.	Prof. Campbell.

February..	12,	.	.	.	.	.	Prof. Campbell.
	13,	.	.	.	.	.	Prof. Cooley.
	14,	.	.	.	.	.	Prof. Wells.
	17,	.	.	.	.	.	Prof. Cooley.
	18,	.	.	.	.	.	Prof. Kent
	19,	.	.	.	.	.	Prof. Campbell.
	20,	.	.	.	.	.	Prof. Cooley.
	21,	.	.	.	.	.	Prof. Wells.
	22, (Saturday),	.	.	.	.	.	Washington's Birth- day—Students cel- ebrate.
	24,	.	.	.	.	.	Prof. Cooley.
	26,	.	.	.	.	.	Prof. Campbell.
	27,	.	.	.	.	.	Prof. Campbell.
	28,	.	.	.	.	.	Prof. Wells.
March .....	3,	.	.	.	.	.	Prof. Cooley,
	4,	.	.	.	.	.	Prof. Kent.
	5,	.	.	.	.	.	Prof. Campbell.
	6,	.	.	.	.	.	Prof. Campbell.
	7,	.	.	.	.	.	Prof. Wells.
	10,	.	.	.	.	.	Prof. Cooley.
	11,	.	.	.	.	.	Prof. Kent.
	12,	.	.	.	.	.	Prof. Campbell.
	13,	.	.	.	.	.	Prof. Wells.
	14,	.	.	.	.	.	Prof. Wells.
	17,	.	.	.	.	.	Prof. Cooley.
	18,	.	.	.	.	.	Prof. Kent.
	19,	.	.	.	.	.	Prof. Wells.
	20,	.	.	.	.	.	Prof. Campbell.
	21,	.	.	.	.	.	Final Examinations begin.

The exercises occupied every college day for the term. Beside lectures, one hundred and two other exercises are recorded for the term.

DETROIT, Mich., March 24, 1879.

HON. B. M. CUTCHEN, *Chairman Executive Committee:*

*Dear Sir:* In reference to the inquiry concerning the Law Department, with which your Committee has been charged, it is proper for me to advise you, that while it will appear from the records that there were a few weeks, during the first half of the present term, in which I did not lecture at all, my absence was caused by illness, and I abstained from lecturing under the peremptory instructions of my physician, Dr. Morse Stewart of this city.

This absence, however, has been made up by me during the last half of the term, in every week of which I have been present, and I have thus delivered my full number of lectures for the whole term, (with the exception of a single day) and performed my full share of the other work of the term, according to the arrangement which has always prevailed in the school between the several Professors thereof.

Respectfully Yours,

WILLIAM P. WELLS,

Kent Professor of Law.

Regent S. S. Walker submitted the following resolution, which was unanimously adopted.

*Resolved*, That the Committee on Buildings and Grounds be and are hereby directed to present at the next meeting of the Board plans and estimates for the refitting and placing in order, with such changes and modifications as may seem desirable—the rooms occupied by the Law Department and Library.

The following resolution, submitted by Regent Van Riper, was adopted :

*Resolved*, That the Secretary of the Board be instructed to communicate to the Chief Justice of the Supreme Court that the Board of Regents decline to employ Counsel in the appeal in the case of the Regents *vs.* Silas H. Douglas, et al.

Regent Grosvenor presented the following resolution, which was adopted :

*Resolved*, That Regent Climie be authorized to arrange with the Matrons of the Hospitals for board and care of patients at a price not exceeding four dollars per week ; this arrangement to continue during the pleasure of the Board of Regents.

The following report was read by Regent Shearer and adopted :

APRIL 14, 1880.

*The Honorable Board of Regents :*

*Gentlemen*.:—Your Committee on Buildings and Grounds, to whom was referred the matter of the enlargement of the Laboratory, have carefully considered this matter, and have had preliminary sketches made for the proposed additional story. We find that the needs of the University require the increased accommodation, and therefore recommend that the Laboratory Building be so altered and increased as to consist of a lower story of about 14 feet in the clear, and of an additional story of about 12 feet in clear height.

The cost of the proposed changes will be, in the opinion of your Committee about \$11,500, including furniture, etc.

The cost of the building proper, with such portions of the plumbing and heating pipes as may be necessary during the progress of the building will be about \$9,200.

We would farther recommend that the drawings, etc., be made as soon as practicable and proposals be received, with a view to commencing this work immediately on the commencement of vacation, so that the building may be ready for occupation on the first of October next.

JAS. SHEARER,  
SAMUEL S. WALKER,  
ANDREW CLIMIE.

The following is the vote on the adoption of Regent Shearer's report:

Ayes—Regents E. C. Walker, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

Nays—None.

Regent Grosvenor submitted the following resolution, which was adopted:

*Resolved*, That the Committee on Buildings and Grounds be authorized and requested to have prepared and perfect plans, drawings and specifications for adding a story to the Chemical Laboratory, and to proceed at the earliest day practicable to invite proposals for performing the work, and to contract for the same.

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield. Varr Riper, Grover and Shearer.

Nays—None.

The following communication and report were read by Regent Shearer:

ANN ARBOR, 3, 24.

*Hon. James Shearer, Chairman of Committee on Buildings and Grounds:*

*Sir:*—This presents for your consideration memoranda of expenses needed in the matters referred to your Committee relating to the Department of Civil Engineering.

1—EXPERIMENTAL WORK:

Building.....	\$1,200 00
Apparatus.....	850 00
Materials.....	500 00
Total.....	\$2,550 00

2—REPAIRS AND FITTINGS:

Total.....	\$500 00
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Respectfully submitted,

J. B. DAVIS.

APRIL 14, 1880.

*To the Honorable the Board of Regents :*

*Gentlemen :—*Your Committee on Buildings and Grounds to whom was referred the communication of Prof. J. B. Davis, requesting an appropriation for the purchase of apparatus and material for the purpose of extending the scope of the studies in the Department of Civil Engineering ; and also for certain repairs of the rooms used by this Department, would report that in their opinion it is not at this time expedient to make the expenditure.

But in view of the great need of repairs to floors in the several buildings, your Committee recommend that the sum of six hundred dollars be expended for southern pine flooring to be used as above indicated under the direction of the Committee of Buildings and Grounds.

JAS. SHEARER,  
ANDREW CLIMIE.

On motion, the report just read by Regent Shearer, was adopted by the following vote :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

Nays—None.

The following preamble and resolution, submitted by Regent Grosvenor, were unanimously adopted :

WHEREAS, Citizens of Michigan inform us that they desire to take action looking to the endowment of free beds in our hospitals,

*Resolved,* That this Board will receive in trust any funds contributed for such aid of indigent patients, it being understood that patients so aided will, like all others, be received and treated only under hospital regulations established by this Board.

On motion of Regent Climie, the Board went into executive session, at the close of which business in open session was resumed.

Regent Climie submitted the following resolution, which was adopted :

*Resolved,* That President Angell, Regent Climie, and Secretary Bennett be and are hereby authorized to make a contract for strengthening the iron work in the new Museum with John Wilke & Son, according to plans and specifications submitted by Prof. Jenney, Architect, and Prof. Davis, Superintendent of said Building, said plans and specifications having been approved by the joint action of

the Committee on Buildings and Grounds and the Committee on the Law Department.

Regent Climie submitted the following resolution :

*Resolved*, That the sum of \$123 80 be and is hereby appropriated for Regent's expenses.

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

Nays—None.

On motion of Regent Cutcheon, the Board adjourned.

H. D. BENNETT,  
Secretary.

## JUNE MEETING.

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UNIVERSITY OF MICHIGAN,  
ANN ARBOR, Tuesday, June 29, 1880. }

The Board of Regents convened in annual session in the room of the President at 10 o'clock A. M.

Present—Acting-President Frieze, Regents E. C. Walker, Clinie, S. S. Walker, Cutcheon, Duffield, VanRiper, Grosvenor and Shearer.

The meeting was called to order, and opened with devotional exercises by Acting-President Frieze.

On motion of Regent E. C. Walker, the minutes of the last meeting of the Board were approved as printed.

The following report of the Treasurer was read by Regent Clinie, and on motion of Regent Cutcheon it was accepted and ordered printed in the minutes.

*To the Finance Committee of the Board of Regents:*

GENTLEMEN—Herewith please find a statement of the receipts and disbursements from March 21, 1880, to June 26, 1880, inclusive:

Balance on hand March 20, 1880.....	\$ 22,550 61
Received from State Treasurer, University interest.....	17,245 05
Received from State Treasurer, State Aid.....	15,750 00
Received from State Treasurer, Museum Building.....	10,000 00
Received from State Treasurer, Hospital.....	3 000 00
Received from State Treasurer, Dental College.....	2,500 00
Received from Students Fees, Laboratory Deposits and Diplomas.....	4,820 23
<b>Total.....</b>	<b>\$ 75,805 89</b>

Disbursements for same time were as follows:

Paid warrants for Salaries.....	\$ 29,650 00
Paid vouchers on General Expense account.....	16,122 82
Paid vouchers on Homœopathic Medical College acc unt....	257 48
Paid vouchers on Dental College account.....	406 69
Paid vouchers on General Library account.....	1,167 10



Paid vouchers on Hospital account.....	516 56
Paid vouchers on Museum Building account.....	8,387 47
Paid vouchers for Homœopathic Hospital equipment account.....	163 00
Balance on hand June 26, 1880.....	19,194 77

Total.....\$ 75,865 89

UNEXPENDED BALANCES.

Balance on hand in General Fund.....	\$ 10,037 98
Balance on hand in Homœopathic Medical College.....	1,370 09
Balance on hand in Dental College apparatus.....	91
Balance on hand in Dental College expenses.....	894 44
Balance on hand in General Library.....	141 43
Balance on hand in Hospital.....	2,578 49
Balance on hand in Steam Heating apparatus.....	101 99
Balance on hand in Museum Building.....	3,267 96
Balance on hand in Homœopathic Hospital.....	148 53
Balance on hand in Homœopathic Hospital equipment.....	652 95

Total.....\$ 19,194 77

Respectfully submitted,

W. A. TOLCHARD, Treasurer.

Regent Grosvenor stated that he was in receipt of a report from the Dean of the Department of Medicine and Surgery, which he desired to read and submit to the Board for action.

The following is the report read by Regent Grosvenor:

UNIVERSITY OF MICHIGAN,  
DEPARTMENT OF MEDICINE AND SURGERY, }  
Monday, June 28, 1880. }

*To the Honorable the Board of Regents of the University of Michigan:*

GENTLEMEN—The Faculty of the Department of Medicine and Surgery respectfully report, that the following named persons, having complied with the requirements of the Institution in regard to time of study and qualifications, are hereby recommended for the degree of Doctor of Medicine.

N. William Andrews,  
Charles Anson Babcock,  
Frank Dymond Baker,  
Fred. Baker,  
Jose Celso Barbosa,  
William Thomas Batterson,  
James Addison Beebe,  
Ralph Palmer Beebe,

Mary Catherine Evans,  
Nellie Wheeler Fairfield,  
John Campbell Fleming,  
Charles Tilson Fox,  
Bradford S. Galloway,  
Francis Graham Gardiner,  
Mason Wilber Gray,  
F. Josephus Groner,

Ebenezer O. Bennett,  
Strong Mosher Bennett,  
Harlan Jackson Brown,  
Ralph Alton Brown,  
Donald W. Campbell,  
John Luther Campbell,  
William Pitt Carpenter,  
William Bayard Carroll,  
Thirza Ellen Clark,  
Granville James Collier,  
Samuel LeCount Cook,  
Edward Clinton Davisson,  
Sarah Johnson Dean,  
David Noble De Tarr,  
Chalmers McCall Dickson,  
M. V. Covey Doane,  
Will T. Dodge,  
Henry Mitchell Downs,  
Frances A. Drew,  
Reuben Allen Dunkelberg,  
Orville Steinberg Ensign,  
Charles Augustus Entrup,  
Patrick Eugene Nagle,  
John O'Hearn,  
Bethena Angelina Owens,  
J. Harris Oxner,  
Edgar Allen Peck,  
Theodore Calvin Peterson,  
Alvan J. Rosenberry,  
Gerry Weedon Ross,  
Elizabeth Stafford Samm,  
Fred. Schermerhorn,  
Perry Schoonmaker,  
Albert E. Schimmel,  
Robert Stevenson,  
Thomas John Sullivan,  
Celia Williams Taylor,

Albert Adams Hallock,  
Emily A. Hammond,  
Isaac Marion Harrison,  
Orren Barnum Hayden,  
James Daniel Hillis,  
Mary Ann Holbrook,  
Timothy Lewis Holland,  
William Jilson Huff,  
Martha Paul Hughes,  
Francis Sidney Hull,  
Louis Fillmore Ingersoll,  
John Serbert Johnson,  
Frank C. Jones,  
Sarah Fell Kenfield,  
Vierling Kersey,  
Rufus Robert Kime,  
Morris C. L. Kitchen,  
Orson Ford Lewis,  
George A. Marietta,  
Willis Willard Mather,  
George Barclay McCollum,  
Walter Stevens Morden,  
Charles A. Terhune,  
John Edmund Totten,  
Frank Albert Towsley,  
Frank Vandawarker,  
John Vander Laan,  
Hiram Walter,  
Griffy Benjamin Ward,  
Prudence Bell Warner,  
David Eaton Webster,  
Allen Sidney Whetstone,  
George John White,  
William Reid Whitelaw,  
Henry Valentine Wildman,  
Anna Mary Wilkin,  
Pierce Everett Witherspoon,

Harvey H. Ziegler.

C. L. FORD, Dean, *pro tem.*

At the conclusion of the reading of the report, Regent Governor presented the following resolution, which was unanimously adopted:

*Resolved*, That the degree of Doctor of Medicine be and is hereby conferred upon the persons named in the foregoing communication, in accordance with the recommendation of the Faculty.

The following report and resolution were read by Regent Grosvernor, and on his motion the resolution was adopted :

UNIVERSITY OF MICHIGAN.  
HOMŒOPATHIC MEDICAL COLLEGE, }  
ANN ARBOR, June 29, 1880. }

*To the Acting President and Honorable Board of Regents, University of Michigan:*

GENTLEMEN—I have the honor to report the following named candidates, who having complied with the requirements of the University and Homœopathic College, are recommended by its Faculty for the degree of Doctor of Medicine :

NAME.	RESIDENCE.
Hiram R. Clark, . . . . .	<i>Twinsbury, Ohio.</i>
George E. Gray, . . . . .	<i>Batavia, New York.</i>
Emma M. Snyder, . . . . .	<i>Newark, New York.</i>
Ashley J. Williams . . . . .	<i>Ann Arbor, Mich.</i>
Ellis C. Brown, . . . . .	<i>San Jose, California.</i>
Frank R. Timmerman, . . . . .	<i>Nashville, Michigan.</i>
Samuel A. Brown, . . . . .	<i>Cumbria, California.</i>
William A. Frost, . . . . .	<i>Pontiac, Michigan.</i>
R. Celia Henderson, . . . . .	<i>Minneapolis, Minn.</i>
Genevieve Tucker, . . . . .	<i>Nashua, Ohio.</i>
Thomas J. Jackson, . . . . .	<i>Flint, Michigan.</i>
Frank H. Tyler, . . . . .	<i>Three Rivers, Mich.</i>
Emeline Tanner, . . . . .	<i>Ann Arbor, Mich.</i>
Patrick H. Evans, . . . . .	<i>Ann Arbor, Mich.</i>
John B. Dodge, . . . . .	<i>Middle Bass Island, O.</i>
Amanda J. Evans, . . . . .	<i>Ann Arbor, Mich.</i>
John J. Miller, . . . . .	<i>Knoxville, Illinois.</i>
Henry K. Braister, . . . . .	<i>Howard, New York.</i>
Emma T. Schriner, . . . . .	<i>Oil Creek, Penn.</i>

E. C. FRANKLIN, M. D. Dean.

*Resolved*, That the degree of Doctor of Medicine be conferred upon the above named persons, as recommended by the Faculty.

Regent E. C. Walker stated that he held in his hand a communication from the Dean of the School of Pharmacy, which he read, as follows :

UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, June 28, 1880. }

*To the Honorable the Board of Regents :*

GENTLEMEN—I am instructed by the Faculty of the Department of Pharmacy to report to you, that the following named persons have completed the requirements and passed the examinations for the degree of Pharmaceutical Chemist, and that the Faculty recommend them to you for that degree :

James Buchanan Clark,	Enoch Smith Marshall,
Clarence Abiel Fellows,	Rollin S. McCulloch,
Charles Edwin Foote,	Fred D. Merritt,
Charles John Gebauer,	Charles Edwin Payne,
Joseph Frank Geisler,	Fred William Riley Perry,
Frank Porter Glazier,	J. Charles Reeve,
John Linn Irwin,	Charles Harvey Rodi,
Frank E. Judson,	Charles William Teeter.
Eugene Anderson Lilly,	Ferdinand Thum,
George John Lonstorf,	Adrian Hamilton Todd,
Frank Nicholas Maas,	John Bryant Watson,
Albert Mann,	Frank Charles Wolf.

Respectfully submitted,

ALBERT B. PRESCOTT,

Dean.

At the conclusion of the reading of the communication, Regent E. C. Walker submitted the following resolution, which was adopted :

*Resolved*, That the degree of Pharmaceutical Chemist be and is hereby conferred upon the persons named in the above communication, in accordance with the recommendation of the Faculty of the School of Pharmacy.

Regent Cutcheon said he had received a communication from the Secretary of the Faculty of the Department of Literature, Science, and the Arts, which he desired to read and submit for consideration and the action of the Board.

The communication is as follows :

*To the Honorable the Board of Regents :*

GENTLEMEN—By direction of the Faculty of the Department of Literature, Science, and the Arts, I have the honor to report that the persons whose names are here given, are recommended for the degrees indicated :

**CIVIL ENGINEERS.**

Joseph Allen Beaumont,	George Lee Fisher,
Edward Sweat Davis,	Cicero Demerit Hill.

**MINING ENGINEERS.**

John Ayres,	Samuel Floyd Beaumont,
	Frank Peck Satterlee.

**BACHELOR OF LETTERS.**

Ellen L. Clothier,	Thomas Lorenzo Heaton,
	Byron Sylvester Waite.

**BACHELOR OF SCIENCE.**

James R. Laing,	Jefferson Ray Thomas.
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**BACHELOR OF PHILOSOPHY.**

Josiah Little Ambrose,	Thomas C. Greene,
Mattie Elizabeth Arnold,	Charles Sumner Mitchell,
Edward Miles Brown,	Leroy Stephen Norton,
Charles Hotchkiss Campbell,	Henry Slade Richards,
Kate Ellis Coman,	Marston Stocker,
Ismena Cramer,	Charles Chace Whitacre,
Jay Fuller,	John Haven Willard,
Mary Henrietta Graham,	Charles Moseman Wilson.

**BACHELOR OF ARTS.**

Orlando Fleming Barnes,	Ledru Rollin Hunter,
George Webster Borden,	William Kemper Jones,
John Marion Brewer,	Peter Burr Loomis, Jr.,
William Wilson Cook,	Charles King McGee,
Lewis Franklin Culver,	Carrie Parrish,
Charles Levi Dubuar,	Allen Bartlit Pond,
John Thomas Ewing,	Albert Jay Potter,
John Alexander Green,	Stella Prince,
Frederick James Gurney,	Frank Fremont Reed,
Norman Washington Haire,	Edwin Stanton Sherrill,
Will Washington Hannan,	Malcolm Parker Thomas,
William Holmle,	Alice Van Hoosen,
William Henry Honey,	Lydia J. Van Housen,
James Edward Hunt,	Edwin Kirby Whitehead,

**Max Zinkeisen.**

MASTER OF ARTS.

Arthur William Burnett,	Joseph Warren Smith,
Charles Howard Greathouse, B. A.,	Charles Wellington Tufts,
(1879),	Joel Claverly Tyler,
Charles Wellman Hitchcock,	Ella Cornelia Williams,

MASTER OF PHILOSOPHY.

Erastus Albert Barnes, Ph. B.,	Joseph Ivimey Bates, B. A.,
(1879).	(1879).

DOCTOR OF PHILOSOPHY.

Barclay Tennyson Trueblood, B. S. ; M. S. (1879).

Respectfully submitted,

P. R. B. DePONT, Secretary.

Having finished the reading of the foregoing paper, Regent Cutcheon submitted the following resolution :

*Resolved*, That the several degrees recommended by the Faculty of the Department of Literature, Science, and the Arts, in their communication submitted herewith, be conferred upon the persons severally named in said communication.

The resolution was unanimously adopted.

Regent Grosvernor read the following communication :

UNIVERSITY HOSPITAL, }  
ANN ARBOR, May 28th, 1880. }

*To the Honorable the Board of Regents of the University of Michigan :*

GENTLEMEN—I hereby respectfully tender my resignation as Resident Physician and Surgeon of the University Hospital, to take effect at the end of the present season.

A. C. MACLEAN, M. D.

On motion of Regent Grosvernor, the resignation of Dr. A. C. Maclean was accepted.

The following communication was also received, and read by Regent Grosvernor :

*To the Honorable, the Board of Regents :*

By direction of the Faculty of the Department of Literature, Science, and the Arts, I have the honor to present the following resolution :

UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, June 28, 1880. }

*To the Honorable the Board of Regents :*

GENTLEMEN—I hereby resign my position as Secretary of the Faculty in the Department of Medicine and Surgery.

Respectfully,

GEORGE B. AYRES, M. D

Regent Grosvenor moved the acceptance of the resignation of Dr. George B. Ayres, Secretary of the Faculty of the Department of Medicine and Surgery. The motion prevailed.

Regent Grosvenor read a communication from Dr. William Brodie, of Detroit, relative to the duties of Medical Examiners; he also read a report from Dr. Brodie and Dr. Whelan, relative to the examination of candidates for the degree of Doctor of Medicine at the coming Commencement; also, a report from the resident physician of the University Hospital. The reports were accepted and placed on file.

A report from Prof. C. L. Ford, acting Dean, was read by Regent Climie, and on motion of Regent E. C. Walker, it was referred to the Committee on the Department of Medicine and Surgery.

The following communication was received, and read by Regent Cutcheon:

*To the Honorable, the Board of Regents :*

By direction of the Faculty of the Department of Literature, Science, and the Arts, I have the honor to present the following resolution:

**Resolved,** That in view of the advanced standing of Mr. Isaac Howard Bullock at the time of his decease, of the excellent scholarship, and the high moral character sustained by him throughout his University Course, this Faculty respectfully petitions the Honorable Board of Regents to include Mr. Bullock's name in the list of those receiving the degree of Bachelor of Arts at the coming Commencement, and that a diploma duly filled out be forwarded to the parents of the deceased.

Respectfully submitted,

P. R. B. DE PONT,  
Secretary.

At the conclusion of the reading of the above communication, Regent Cutcheon submitted the following resolution, which was adopted unanimously:

**Resolved,** That the recommendation of the Faculty of the Literary Department, in regard to Isaac Howard Bullock, be adopted, and that the degree of B. A. be conferred.

The following communication was received, and read by Regent Grosvenor:

UNIVERSITY OF MICHIGAN, )  
ANN ARBOR, June 29, 1880. )

*To the Honorable the Board of Regents :*

GENTLEMEN—I respectfully request that you will continue to make for my department this year, the appropriation of five hundred dollars as you have in past years, and also that, in view of an almost certainly assured increase in the number of students electing my work, you increase this sum to six hundred dollars.

You will, of course, in considering this application, remember that the work in General Chemistry includes provision for both Literary and Medical students; that the number of students for which I must provide is very large; that in addition to this a large part of the above sum is expended for supplies in the laboratory courses in General Chemistry; and that, therefore, much of it returns to the treasury of the University in the form of special charges to students.

Very respectfully,

JOHN W. LANGLEY,

Professor of General Chemistry.

Regent Grosvenor presented the following resolution, which was adopted :

*Resolved*, That the sum of six hundred dollars be and is hereby appropriated, in accordance with the request of Professor Langley, for the fiscal year ending September 30, 1881.

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent S. S. Walker stated that he held in his hand a communication from the Mayor and other officers of the city of Ann Arbor, relative to "the extending of the water pipe now terminating at the east side of the Law building to the business portion of the city, for fire purposes." He moved that the petition be respectfully received and referred to the Committee on Buildings and Grounds. The motion prevailed, and the communication was so referred.

Acting-President Frieze said the following paper had been lodged in his hands, and, with the permission of the Board, he would read and submit it for their consideration. Leave to read the paper was granted :



*To the Honorable the Board of Regents of the University of Michigan :*

We, the undersigned, beg leave to present to the University of Michigan the following collections and specimens in Natural History, to wit:

Bird skins.....	30
Monkey skins.....	9
Long nosed Raccoons.....	2
Raccoon.....	1
Armadillo.....	1
Squirrels.....	2
Anteaters.....	2
Two toed Sloth.....	1
Three toed Sloths.....	3
Tiger cat.....	1
Opposum.....	1
Alligator.....	1
Skeleton of Alligator.....	1
Skeleton of Sloths.....	2
Turtles.....	3
Fish in Alcohol.....	50
One collections of insects.....	200
One collection of vines and woods.....	12
One collection of palm woods and leaves.....	10
One collection of fruits and nuts.....	50
One collection of fungis.....	50
One collection of grasses.....	50

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Total of specimens..... 482

The above mentioned collections were made by J. B. Steere, at the mouth of the Amazon River in Brazil, during the summer of 1879, and at a cost of about four hundred and fifty dollars.

Also a collection of insects in boxes mounted (200), presented to J. B. Steere, by parties in southern Brazil.

Also a collection of birds (20) and two mammals (2), with a collection of insects in alcohol (100), chiefly purchased of Dr. Heath, and collected on the upper Madeira River, Brazil, and costing us fifty dollars, making a total of 804 specimens purchased by us at a cost of five hundred dollars, and three months time of J. B. Steere in collecting.

The above collections are presented with the sole provision that they shall form part of the Beal and Steere collection.

Signed.

RICE A. BEAL.  
J. B. STEERE.

At the conclusion of the reading of the paper by the President, Regent Duffield moved that the collection made by Professor J. B. Steere be accepted, and that the thanks of the Board be and hereby are tendered for the gift to the University.

The motion of Regent Duffield prevailed.

On motion of Regent E. C. Walker, the Board now went into executive session, and having spent some time therein, business in open session was resumed.

The following resolution, submitted by Regent Cutcheon, was adopted:

*Resolved*, That Charles M. Gayley, B.A., be and he is hereby appointed Instructor in Latin, vice Theodore H. Johnson, declined, at a salary of \$900 per annum.

Ayes—Regents E. C. Walker, Clinnie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

President Frieze stated that a paper from ex-Regent C. B. Grant had reached his hands, and he thought its reference to the Executive Committee of the Board would be appropriate. There being no objection the paper took that course, and was so referred. He also stated that he held another paper in his hand, the submission of which gave him profound regret.

The following is the paper referred to by the President:

UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, May 1, 1880. }

*Hon. James B. Angell, LL. D., President of the University of Michigan:*

MY DEAR SIR—I hereby tender through you to the Board of Regents my resignation of the Jay Professorship of Law, to take effect at the end of the current college year.

In doing so I fulfill a desire which you know I have long indulged, but which I have delayed carrying out, in deference to the desires and opinions of others.

In withdrawing from the University, I desire to leave upon record most cordial and hearty acknowledgements of the uniformly, agreeable, harmonious and accommodating relations which have existed between the other members of the Law Faculty and myself, and which have enabled the Faculty from the first to conduct the affairs of the department, not merely without discord, but with hearty concurrence in views and measures. And this acknowledgement would be defective

if it failed to emphasize the great and constant benefit which the Law School, in common with all others in the University, has desired from your own, able, prudent, and wise administration of its affairs since you became its President.

Very respectfully, your obedient servant,  
T. M. COOLEY.

At the conclusion of the reading of the above paper by the President, Regent Cutcheon presented the following resolution, which was adopted :

*Resolved*, That the communication of Hon. Thomas M. Cooley, tendering his resignation as Professor in the Department of Law, be referred to a special committee, consisting of Regents Grosvenor, Shearer, and Van Riper ; and said committee be instructed to confer with Professor Cooley, and use all legitimate efforts to induce him to withdraw his resignation ; and to express to Judge Cooley the entire confidence of this Board in his fidelity to every interest of the University, and our high appreciation of his past services, and of the honor he has conferred upon this Institution by his eminent abilities and labors.

On motion the Board took a recess to 2 o'clock P. M.

#### AFTERNOON SESSION.

The Board re-assembled in the room of the President at two o'clock P. M. A full Board were present.

Regent Grosvenor moved that the Board do go into executive session. The motion prevailed.

At the close of the executive session, business in open session was resumed, and the three following resolutions were presented by Regent Cutcheon :

*Resolved*, That the honorary degree of Doctor of Laws be and is hereby conferred upon Rev. Tilman Conklin Trowbridge, an alumnus of this University of the class of 1852, afterward a graduate of the Union Theological Seminary, of New York, and at present President of the Central Turkey College of Sintah, Turkey.

*Resolved*, That in recognition of the excellent service to science, rendered during the many years that he has been a Professor in the Agricultural College, the honorary degree of Doctor of Philosophy be and the same is hereby conferred upon William James Beal, M. A., of the class of 1859, University of Michigan, B. S., of Harvard, 1865.

*Resolved*, That the honorary degree of Master of Arts be and the same is hereby conferred upon Rev. Edward A. Horton, B. D., Meadville Theological Seminary, 1868, a member of this University of the class of 1865, at present pastor of the Second Church, Boston.

The resolutions of Regent Cutcheon were voted upon separately, and unanimously adopted.

Regent Van Riper submitted the following resolution and recommended its adoption :

*Resolved*, That Prof. William P. Wells, Kent Professor of Law, be relieved from duty during the coming year, and that Judge C. I. Walker be tendered the position for that period at the same compensation as heretofore paid Professor Wells, and that the salary of Prof. Wells lapse from and after this date.

The vote on the adoption of Regent Van Riper's resolution was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, VanRiper, Grosvenor, and Shearer.

Nays—None.

The following resolution, presented by Regent Cutcheon, was unanimously adopted :

*Resolved*, That the degree of Master of Arts be and the same is hereby conferred upon William Cotton Maybury, of Detroit, and that he be ranked and borne upon the University Catalogue as of the class of 1870, of which he was a member.

Regent Cutcheon also submitted the following resolution, and recommended its adoption :

*Resolved*, That the Treasurer be instructed to pay Acting President Frieze his increased salary as such Acting President, from June 1, 1880, the sum of \$91.67 as contemplated by resolution of April 14, 1880.

The vote on the adoption of the resolution of Regent Cutcheon was as follows :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Climie read a report showing the present condition of the treasury. The prospective receipts and disbursements previous to October 15 next were stated. On motion the report was accepted and ordered placed on file.

On motion of Regent Van Riper, the Board adjourned to nine o'clock to-morrow morning.

UNIVERSITY OF MICHIGAN, }  
Wednesday, June 30, 1880. }

The Board of Regents reconvened in the room of the President at nine o'clock A. M.

Present—a full Board.

Regent Grosvenor, chairman of the special committee appointed under the resolution submitted by Regent Cutcheon at yesterday's meeting of this Board, relative to the resignation of the Hon. T. M. Cooley, Jay Professor of Law, submitted the following report and moved its adoption:

*To the Honorable 'he Board of Regents :*

The undersigned Committee created by the adoption of a resolution submitted at yesterday morning's session relating to the resignation of Hon. Thomas M. Cooley, would respectfully report :

That in the discharge of the duty imposed upon them, they immediately obtained an interview with Prof. T. M. Cooley, and urged him to withdraw his resignation as being of the highest importance to the University.

After a very full examination and discussion of the interests involved, Judge Cooley, while earnestly desiring that his resignation should be accepted and he thus be relieved of the arduous labors of position; in deference to the unanimous wish of the Board of his Regents as expressed in the resolution adopted and also referred to, consented to waive his personal desire and consult only the interests of the University as portrayed by your Committee, and withdrew his resignation. Your Committee, impressed with the importance of retaining Judge Cooley as Professor in the Law School, and believing that the labors now performed by him are onerous and greater than he should be required to perform, respectfully recommend the adoption of the following resolution.

*Resolved*, That the Committee on the Law Department be and are hereby authorized and directed to make such re-arrangement of the work of the Law Department, as they (the faculty of that department) may desire, with full power to put such plans in execution, including the power to employ additional help either in the department of instruction or administration.

All of which is respectfully submitted.

E. O. GROSVENOR,  
JAS. SHEARER,  
J. J. VAN RIPER,  
Committee.

At the close of the remarks on the report read by Regent Grosvenor, it was adopted by the following vote:

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

The following report was read by Professor Donald Maclean, of the Department of Medicine and Surgery, by permission and request of the Board:

UNIVERSITY HOSPITAL, {  
June 29, 1880. }

*To the Honorable the Board of Regents:*

GENTLEMEN—I have the honor herewith to lay before you the written records of cases treated and results attained at the surgical clinique during the session just closed.

Two hundred and forty individual cases are here reported.

Of that number a very large proportion have been presented to the class on several different occasions, for the purpose of illustrating the various phases assumed by their cases and the alterations in treatment thereby rendered necessary.

An important public clinic has been held every Wednesday and Saturday during the entire term, and since the completion of the new amphitheatre a daily clinic has been held, and there has never been any scarcity of practical work to do.

From the accompanying records it will appear that a large number of important operations have been performed, and almost every form of surgical affection has been presented and its treatment practically illustrated.

The following is a condensed summary of the more important cases:

*Abscess.*—Ten cases. Of these two were lumbar abscesses of long standing, and both recovered, although this form of abscess is one of the most fatal.

One case involved the hip joint, the patient being a child of six years. One involved the kidney, and had lasted since the war, and was complicated with extensive disease of other organs, especially the liver, which had undergone extensive fatty degeneration. In this case the abscess of the kidney was opened and a quart of pus evacuated with great relief to the patient. Unfortunately his other ailments were irremediable, and he gradually grew weaker and died six weeks from the date of operation.

All the other cases of abscess recovered.

*Cancer.*—Of this disease twenty-one cases have applied for relief.

Of this number fifteen are recorded as dismissed cured. It is not meant by this that immunity from the return of the disease is secured in every case; but that at present they are entirely relieved from all appearance of the disease. These results we obtained for the most part by placing the patient under the influence of chloroform and then performing a careful, deliberate, and thorough excision. In a few cases excision was not practicable, and in these escharotic or caustic plasters were resorted to. This form of treatment however is more tedious and painful and much less satisfactory than that by excision, and is therefore reserved for cases which are unsuitable for excision, owing either to their situation or their form. Of the cases not cured two were dismissed *relieved*, and four were beyond the aid of surgery and were dismissed with instructions for palliating their sufferings during the brief remainder of life. It seems proper to state here that the large majority of these patients suffering from cancer had previous to their coming to Ann Arbor been subjected to painful, ineffectual and expensive treatment by individuals who call themselves cancer doctors, and who advertise themselves widely through the public prints and otherwise.

The history given by these patients is simply heart-rending. A good, fair example is at present in the hospital; a bright and intelligent woman, who gives a fearful account of the suffering she has endured at the hands of the above named class of quacks.

*Tumors.*—Twenty-nine cases of Tumors have have been treated during the session. Of these *fourteen* were removed by operation, six by tapping and drainage, three by administration of absorbent remedies internally, and six were regarded as untreatable.

Of the treatable cases all recovered except one, namely, the case of Mrs. Ginther, who came here with her doctor and members of her family and insisted upon having the operation of ovariectomy performed, although she was then thoroughly exhausted, very despondent, and tired of life. Every care was taken in the performance of the operation and in the after-treatment, but the patient gradually sank and died on the fourth day. The tumor weighed thirty-six pounds, and involved both ovaries.

The other cases operated upon were most interesting and important examples.

One was situated in the upper jaw of an old lady, and involved the removal of the whole of one side of that bone; another was situated in the lower jaw and neck of a man in the prime of life, and was removed with one-half of the lower jaw. Both of these patients have entirely recovered, and in the accompanying photograph album will

be found a very accurate photograph of the latter case (the lower jaw), one likeness having been executed before, and the other after the operation. In the album will be found also illustrations of most of the cases of tumor operated upon, and the results attained.

*Necrosis.*—Nineteen cases of Necrosis, or death of the bone from inflammation, will be found in the records.

Of that number twelve are marked dismissed cured, five dismissed in process of recovery, and one died, the latter being an old man named Cook, sent here by the supervisor at Burch Run. A slight operation for Necrosis of the bones of the foot was performed on him from which he no doubt soon would have recovered, but symptoms of brain disease very soon supervened, and he died comatose ten days after his operation.

The great majority of cases of Necrosis owe their origin to exposure to cold and wet, and many are directly traceable to bathing in the open air at night and staying too long in the water.

*Stone in the Bladder.*—Four very interesting cases of this affection appear in the records. In each of these cases the operation of lithotomy was performed, and in each case immediate relief and rapid recovery followed.

Attention is respectfully called to the case of L. F. Mead (No. IV in the list of stone cases). This patient states that although he came to Ann Arbor to see me, he was inveigled into the Homœopathic hospital and kept there for nearly three weeks, taking little pills all the time without his disease having been detected, or any relief afforded.

Accompanying the records are the specimens of calculus removed in each of the cases recorded.

*Hydrocele.*—Eight cases of this common and annoying affection are reported in full. In each case the operation of tapping and injection of the strongest tincture of iodine was practiced, and in each case the result was a complete and permanent cure.

*Varicocele.*—Six cases, all effectually remedied by excising a large section of the scrotum. A safe, simple and efficacious method of treatment.

*Stricture of the Urethra.*—Six very instructive cases. Three were cured by dilatation and three by division externally on a grooved staff. (Syme).

*Thimosis.*—Five cases: all cured by circumcision, an operation which ought, in my opinion, to be performed as a hygienic precaution, on every boy who has a long foreskin.

*Enlarged Prostate.*—Four cases, of which one was dismissed cured and three relieved. Catheterism and eryot internally were the chief methods resorted to, which are always intractable.



*Cystitis, or Inflammation of the Bladder.*—Three cases. Two were effectually relieved by careful diet and local treatment, such as syringing out the bladder. One case was complicated with abscess of the kidney, and is still under treatment and observation.

*Hemorrhoids.*—Seven cases. All cured by ligature or the scissors, or both combined.

*Fissure of Rectum.*—One case. Cured by a simple and painless incision, and dilating the sphincter by bougies.

*Fistula in Ano.*—Five cases. Four were cured by division with the knife, and one was not treated, owing to the existence of advanced tubercular disease of the lungs.

*Ulcers.*—Ten cases. Six dismissed cured and four in process of recovery.

These cases illustrated severally the more common and some of the severer forms of ulcer, and the effect of various methods of treatment were tested in their management.

*Harelip.*—Six cases. All remedied more or less satisfactorily by the usual methods.

*Nævus, or Birthmark.*—Two cases. Both removed by electro-cautery.

*Glandular Enlargement.*—Four cases. Treated and relieved by iron, iodine, and time.

*Spina Bifida.*—One case. Untreatable.

*Enlarged Tonsils.*—Three cases. Treated by excision and followed by immediate cure.

*Elongated Uvula.*—Two cases. Treated in the same way as the enlarged tonsils and with the same result.

*Paralysis.*—Two cases. Treated by electricity and relieved.

*Sprain.*—Two cases. Treated by passive movements and electricity and effectually relieved.

*Concussion of Brain.*—One case. A little boy who was dragged a distance of three blocks by a runaway horse. He was brought to the hospital unconscious on Saturday night and died Sunday night. No operation was indicated.

*Senile Gangrene.*—One case. Dismissed with advice.

*Club-foot.*—Twelve cases were operated upon and dismissed with a good prospect of cure in each case.

*Wryneck.*—Six cases. In four an operation was performed which consisted in the subcutaneous division of the sternocleidomastoid muscle in the neck. In the other two cases an artificial muscle was applied with the expectation of overcoming the deformity without an operation.

The four cases operated upon recovered rapidly from the operation, and the deformity is gradually diminishing and will entirely disappear in time. One of the most aggravated of these cases is illustrated in the photograph album.

*Spinal Disease.*—Eight cases. Six of antero-posterior curvature and two of lateral curvature.

Of the former class great relief was afforded in every case by the use of the plaster of Paris jackets combined with constitutional treatment. By these means not only is the life saved, but great pain and dreadful deformity are avoided.

In the cases of lateral curvature good results were obtained in each case by systematic muscular exercise, combined also in one of the cases with the use of the plaster jacket.

*Dislocations.*—Four cases, as follows: One of the hip joint, of three months' standing. A determined effort to effect reduction was made under chloroform, but no change could be made in the position of the dislocated bone, owing to the formation of dense, unyielding adhesion.

One was a dislocation of the shoulder joint, of three weeks' standing, in a woman aged fifty-three. Reduction accomplished most satisfactorily.

Two were cases of neglected dislocation of the elbow joint, in which that joint had been permitted to remain unreduced until the arm was entirely useless.

In one of these, by careful and persistent passive movements and the application of force under chloroform, a useful degree of motion at the elbow was secured.

In the other (a man of thirty-eight years) resection was found necessary and was performed. The patient recovered with a useful arm, although stiff and bent at a right angle. It may be noted here that of eight cases of resection of the elbow joint performed at this clinic every one has recovered with a perfect joint, except the case here recorded, and in this case the result was highly satisfactory to the patient himself.

*Ununited Fracture.*—Two cases, as follows: One of the thigh, in the person of a lumberman, who came here on crutches from Leroy, Michigan, for the purpose of having his useless burdensome limb amputated. Fortunately this severe remedy was avoided by administering chloroform, refracturing and resetting the injured limb. He remained in hospital six weeks and returned to his home with a sound and useful limb.

His photograph, taken before and after his operation, appears in the album.

The other case of ununited fracture involved the bones of the leg, and was the result of a most severe compound comminuted and complicated fracture produced by a runaway horse a year ago.

Several expedients were resorted to in this case, including the operation of sawing off the ununited ends of bone, but unfortunately union has not yet taken place, nor is there much prospect of its ever doing so.

*Compound Comminuted Fractures of the Leg*.—Two cases. In both the injury was the result of a railroad accident, and in both amputation below the knee was performed, and in both the patients made a rapid recovery.

*Colles Fracture*.—One case, which served to illustrate the soundness of the most recent teachings of pathology in regard to this injury.

*Adhesion of the Soft Palate to the Posterior Wall of the Pharynx*.—One case. A most uncommon affection. Remedied in this case by cutting the tissues apart and preventing their readhesion by keeping rubber tubing between their surfaces.

The rubber tubes were passed in through each nostril and out of the mouth and retained. The result was completely satisfactory.

*Synovitis of Various Joints, More Especially the Knee and Elbow*.—Nine cases, treated by plaster casts, or by cauterization, or by extension, or by constitutional remedies.

All dismissed cured, or in a fair way to become so, with one exception, as follows: The patient had suffered many years from scrofulous degeneration of the knee joint, and insisted upon amputation of the thigh as the speediest means of getting well. The operation was accordingly performed, and within a month he was dismissed cured.

*Anchylolysis of One Side (the Right) of the Lower Jaw*.—A very remarkable case, of which a full history appears in the record. The anchylolysis was the result of scarlet fever sixteen years ago, since which time patient has only been able to open his mouth to the extent of one quarter of an inch, and even this degree of movement seems in danger of being lost.

The treatment consisted in cutting out a wedge-shaped portion of the jaw on the affected side and then keeping up passive movements until a perfect new joint had formed. The patient was admitted February 22, and dismissed cured March 15, 1880.

*Anchylolysis of Left Elbow Joint*.—One case. The result of a gun-shot wound received in 1865. The arm was not only useless, but exceedingly painful, consequently amputation was performed at the middle of the arm, and the patient was dismissed cured in three weeks.

*Periostitis, or Inflammation of the Membrane Covering Bone.*—Three cases

In one case rest and soothing applications affected a cure rapidly.

In the others the disease was more chronic, and in them the actual cautery or red-hot iron was applied under chloroform, and afforded immediate and permanent relief.

*Hip Joint Disease.*—Seven cases.

In one resection was performed and the patient left the hospital improved, although owing to the involvement of the pelvic bones, the prospects for ultimate recovery were not good.

In one case a large abscess was opened and extension applied and the general health toned up and the patient, a child of six years, has made a brilliant recovery. (Vide letter with records).

The other cases were effectually relieved by rest and extension, and the ultimate application of Sayres' splint.

*Sciatica.*—One case of a most obstinate and severe character.

All other remedies having been tried in vain, the comparatively new and rare operation of nerve-stretching was resorted to with the effect of affording immediate and permanent relief.

It is hoped that brief and fragmentary as this synopsis unavoidably is, it nevertheless may afford something like a satisfactory basis on which to form a just opinion of the extent and nature of the clinical work performed in the department of Surgery. All of which is most respectfully submitted.

DONALD MACLEAN, M. D.,

Prof. of Surgery and Clinical Surgery, University of Michigan.

After the reading of the report and the remarks thereon, Regent Grosvenor moved that it be accepted and printed in the minutes.

The motion prevailed.

Regent Grosvenor announced the presence of Professor George E. Frothingham, of the Department of Medicine and Surgery, and stated that he was prepared to submit a report of the "Ophthalmic Clinic" of the University Hospital at this meeting of the Board.

On motion, Dr. Frothingham read the following report, as requested by the Board:

REPORT OF THE OPHTHALMIC CLINIC OF THE UNIVERSITY  
HOSPITAL FOR THE YEAR 1879-80.

EYE CASES.

The total number of patients, both eye and ear, treated during the year is 433.

In the list below of the different diseases and troubles, some of the cases appear more than once, since each of the complicated cases is mentioned under each disease manifested.

*Ciliary Asthenopia*.—Five cases. Of which four were prescribed glasses, and one directed to return for further treatment.

*Retinal Asthenopia*.—Two cases. Of which one was very much improved. The other has not been heard from.

*Muscular Asthenopia*.—Six cases. Three of these were relieved by glasses, one by prisms, and one by an operation, while the six cases are to return.

*Errors of Refraction*.—Fifty-four cases. Divided as follows:

*Hypermetropia*.—Thirty-four cases.

*Myopia*.—Twelve cases.

*Hypermetropic Astigmatism*.—Three cases.

*Myopic Astigmatism*.—Five cases.

Each patient was fitted with appropriate glasses.

*Conical Cornea*.—Four cases. One was given glasses; the others were complicated and received necessary treatment.

*Vascular Corneitis*.—Fifteen cases.

*Parenchymatous Corneitis*.—Four cases. All cured, or almost so, at time of leaving hospital.

*Ulcers of Cornea*.—Where patients stayed for treatment the ulcers were healed.

*Opacity of Cornea*.—Thirteen cases. One improved by an iridectomy. The rest were either total or complicated.

*Abscess of Cornea*.—One case. Directed to have it opened by her family physician, as she could not remain here for treatment.

*Charoiditis*. One case. Improved.

*Charoida Retinitis*.—One case. Patient hopelessly blind.

*Charoidal Atrophy*.—One case. Beyond aid.

*Chimosis*.—One case. Cured.

*Trachoma*.—Ninety-one cases. Patients were all unwilling to remain until completely cured, but were all very much improved, and some almost well when allowed to go home.

*Diffuse Trachoma*.—One case. Improved.

*Chronic Catarrhal Conjunctivitis*.—Two cases. Cured.

*Phlyctenular Conjunctivitis*.—Three cases. Two cases cured; one under treatment.

*Foreign Body on Cornea*.—Two cases. Particles removed.

*Glaucoma*.—Seven cases. Two of the eyes were enucleated, the rest causing no pain, and sight hopelessly destroyed, were let alone.

*Glass Eyes Fitted*.—Four cases.

*Irido Choroiditis*.—Five cases. Four cases almost cured and allowed to go home to continue treatment, and the fifth was given a letter to her physician.

*Iritis*.—Eleven cases. Three given directions, one letter to physician, and seven cured.

*Iridodonesis*.—Two cases.

*Dislocation of the Lens*.—Two cases. In each case the lens is gradually being absorbed, causing no trouble.

*Neuro Retinitis Hemorrhagica*.—Two cases. One partly cured; the other was beyond aid.

*Retinitis Pigmentosa*.—One case. Prescription given.

*Atrophy of Optic Nerve*.—Eight cases. Five were hopelessly blind; the others prescribe for, but did not stay for treatment.

*Nystagmus*.—Four cases. Complicating other troubles.

*Pannus*.—Three cases. Beyond hope of aid.

*Anterior Staphyloma*.—Seven cases. In three cases so far advanced that the eye was enucleated. In one case there was an ulcer, and compresses were ordered in hopes that as the ulcer healed a part of the staphyloma would be overcome. The other three cases complicated other troubles that received treatment.

*Anterior Cynechiae*.—Four cases. One almost relieved; the others were complicated cases.

*Posterior Synchiae*.—Nine cases. Five iridectomies were performed with more or less improvement; two were cured and two benefitted by atropine.

*Symblepharon*.—Four cases. In each only partial, and as a complication; so nothing was done.

There was one case of Epithelioma of lower lid, hydrophthalmia, kxophthalmia which received palliative treatment, scrofulous ophthalmia, which was cured, foreign body in the ear, which was removed, and ulcer in floor of tympanic cavity. The last case did not remain for treatment.

*Strabismus Convergent*.—Twenty-eight cases. Eight entirely relieved. Fifteen so great as to require a second operation after a time, only partially, and five cases that were complicating other troubles, so not operated on.

*Strabismus Divergent*.—Three cases. One relieved partially, and one not operated on.

*Tumor on Lids*.—Four cases. One sebaceous cyst removed. The others did not come prepared to stay, so directed to return.

*Tumor of Orbit*.—One case. Sarcoma removed. Patient died from pre-existing brain trouble caused by tumor.

*Cataracts Senile Uncomplicated.*—Twenty-seven cases. All improved but one. In this case patient smoked in his room one day after operation, causing suppuration of cornea.

*Cataract Complicated Senile.*—Two cases. Improved.

*Cataract Half Soft.*—Three cases. Improved.

*Cataract Soft.*—Eleven cases. Improved.

*Traumatic Cataract.*—Four cases. Good prospects of useful vision in three cases, when patients left the hospital. One case is still under treatment.

*Membranous Cataract.*—Three cases. Improved.

*Immature Cataracts.*—Nineteen cases. Thirteen cases were advised to await maturity. The other six cases were complicating other troubles that received appropriate treatment.

#### EAR CASES.

*Chronic Non-Suppurative Inflammation of Middle Ear*—Forty-one cases. Only seven patients remained for treatment, but these were benefitted.

*Chronic Suppurative Inflammation of Middle Ear.*—Eighteen cases. Of this number but six remained for treatment, and they were greatly improved.

There were 173 operations as follows :

*Tumor on Auricle.*—One case. Tumor removed.

*Mastoid Periostitis.*—One case. Cured.

*Polypus in the Ear.*—One case. Removed.

*Inaifficiency of Internal Sctus.*—One case. Cured.

*Blepharospasm.*—Nine cases. Spasm entirely relieved.

*Chalazion.*—Four cases. Successfully removed.

*Distichiasis.*—One case. Extra row of cilia removed.

*Trichiasis.*—Eight cases. Cilia dissected out.

*Enuchations.*—Eighteen cases. One for foreign body, 7 for injury, 3 for intraocular tumors, 1 for intraorbital sarcoma, 4 for suppurative choroiditis, and two for glaucoma.

*Entropion.*—Eight cases. All relieved by operation.

*Ectropion*—Two cases. One cured; the other was so great originally as to require two operations, and therefore only partially relieved

*Iridectomy.*—Eleven cases. Improved.

*Adherent Leucoma.* Three cases. The eyes were causing sympathetic disturbance, and on this account enuchated.

*Closure of Nasal Duct.*—Seven cases. Ducts opened and treated by dilatation. Good results followed each case.

*Pterygia.*—Fourteen cases. successfully removed.

*Ptois.*—Three cases. Two relieved by operation, one by treatment.

*Panophthalmia.*—Three cases. One eye enuchated.

JOHN G. KENNAN, Clerk of Clinic.

At the conclusion of the reading of the report by Dr. Frothingham, and the remarks made thereon, it was accepted and ordered printed in the minutes.

On motion of Regent Cutcheon, the memorial found on page 472 of the printed minutes was referred to the Committee on Literature, Science, and the Arts, for consideration and suitable action.

Regent Cutcheon read a communication from Professor Edward Olney, which was accepted and referred to the Committee on the Literary Department.

The report of Dr. William Brodie and Dr. A. F. Whelan, Medical Examiners, was received and read by Regent Grosvenor. On motion, the report was accepted and ordered placed on file. A communication was also read by Regent Grosvenor from Dr. William Brodie, of Detroit, which was accepted, and on motion of Regent Shearer placed on file.

Regent Shearer read and submitted a petition asking for the appointment of a Director of the Chemical Laboratory.

On motion, the petition was referred to the Committee on the School of Pharmacy.

A communication from the Engineering Department was received, accepted, and referred to the Committee on Buildings and Grounds.

A communication was also received from Professor Harrington and others, which was accepted and, on motion, referred to the Committee on the Astronomical Observatory.

Regent Climie submitted a report relative to arranging the price of Board of patients at the Hospitals, in accordance with instruction of the Board. He reported that he had successfully discharged the duty assigned him, and that the price of board had been placed at the sum named by the Board.

Regent Cutcheon read a communication from ex-Regent Grant, and then submitted the following report, which was adopted:

The Executive Committee to which was referred the communication of Ex-Regent C. B. Grant, asking for the investigation of certain charges made by him, would report that they have considered the



same, and without expressing or intimating any opinion whatever as to the merits of the charge, the committee do not consider it advisable to enter upon the investigations asked while the case, out of which these charges arise, is still before the courts.

The Committee, therefore, recommend that the communication of Ex-Regent Grant be placed on file, and no further action thereon be taken at present.

The Board now went into executive session, at the close of which a recess was taken to two o'clock P. M.

#### AFTERNOON SESSION.

The Board of Regents re-assembled in the room of the President at two o'clock P. M., and went immediately into executive session, and after having spent some time therein, resumed business in open session.

Regent Shearer made a verbal report relative to the change and enlargement of the Chemical Laboratory Building. He stated that proposals had been asked for and received, and that up to the present time the proposal of the Dean Brothers, of Detroit, for doing the work as contemplated, had received the most favorable consideration of the Committee on Buildings and Grounds. No further action.

Regent Grosvenor moved the appointment of a special committee, to consist of Regents Duffield, Clinie, and Van Riper, to whom all papers that had been received from the Dean of the Faculty of the Homoeopathic Medical College, and which were then in the hands of the Committee on the Medical Department, be referred, for consideration and for such action as said committee might deem necessary for the interests of that college. The motion prevailed.

On motion, the Board took a recess to eight o'clock P. M.

#### EVENING SESSION.

The Board re-assembled in the room of the President at eight o'clock P. M.

Present—a full Board.

The following report and resolution were read by Regent Cutcheon:

The Committee on the Literary Department to which was referred the communication for assistance in the Department of Mathematics, would respectfully report that, after due examination and consideration, they are satisfied that additional assistance in mathematical instruction is necessary, and are of the opinion that a larger amount of assistance for a given outlay can be procured upon the plan of Prof. Olney than in any other way.

The great objection to the plan is the multiplication of persons upon the corps of instructors.

We propose to obviate this by making these appointments expressly only from year to year, with the distinct understanding that they shall not be considered as permanent officers of instruction, or subjects of promotion to the higher grades, except as vacancies in those higher grades shall occur.

We therefore, recommend that the request of Prof. Olney be granted, and that three "Assistants in Mathematics" be appointed, at an aggregate cost not exceeding \$900.00 per annum. Said appointments to be made from year to year. We, therefore, report the following resolution:

*Resolved*, That the Executive Committee be authorized to appoint upon the recommendation of Prof. Olney, three assistants to give instruction in Mathematics, at an annual salary not exceeding \$300.00 per annum each; said appointments to continue one year.

B. M. CUTCHEON, Chairman.

At the close of the remarks on the report and resolution, a motion to adopt was made, and the result was as follows:

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

The report and resolution were adopted.

The following report and resolution were read by Regent Cutcheon:

The Committee on the Literary Department, to which was referred the memorial of the Faculty of the Department of Literature, Science, and the Arts, on the subject of instruction in music, would respectfully report:

That they have had the memorial under consideration, and have given the subject that careful attention due to the request of the entire Faculty of this most important department.

Your Committee is of the opinion that the time has arrived when this University should do something for the encouragement and cul-

tivation of æsthetic Art. We recognize the fact that there is a widespread demand for musical culture and instruction throughout the State, and our duty as the State University, to meet that demand.

Moreover, we believe that so favorable an opportunity has never before occurred, and is not likely to again occur, for inaugurating this department of instruction, inasmuch as we have now the certainty of securing a teacher to assume the charge of the instruction, possessing eminent fitness; and it will be directly under the fostering care of the Acting President, who has long desired the inauguration of this movement.

We believe that the establishment of systematic and thorough musical instruction will meet a want long felt, and will constitute a positive attraction to a large class of students, and not only enlarge the scope of culture at the University, but draw new members to her classes.

We do not consider it wise at this time to establish a *Professorship* of music, but think the appointment of an *Instructor* of music would secure the inauguration of a course, which, if successful and satisfactory, could be hereafter extended and enlarged.

We therefore recommend that the prayer of the memorialists be effectuated by the adoption of the following resolution:

*Resolved* that an *Instructorship of Music* be, and the same is hereby established in the University, and that Calvin B. Cady be, and is hereby appointed to said Instructorship, with a salary of \$900 per annum, to commence with the next college year.

*Resolved*, that the President jointly with Instructor Cady (if he shall accept said appointment) be requested to arrange a course of instruction in music, prior to the opening of the next college year.

At the close of the discussion on the report read by Regent Cutcheon, it was adopted by the following vote:

Ayes—Regents E. C. Walker, Clinie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Clinie read a communication from the College of Dental Surgery. On motion, it was referred to the Committee on the Medical Department.

Mr. Richard Tregaskis, of Detroit, being present, presented by permission of the Board, a bill for "balance of his account" for services rendered as accountant in the Rose-Douglas investigation. On motion, the claim was referred to the Committee on Law Department for examination.

Regent S. S. Walker presented the following resolution :

The Committee on Museum, School of Mines, and Observatory would report the following resolution :

*Resolved*, That the sum of one hundred dollars, or so much thereof as may be necessary, be, and hereby is appropriated for the purchase of mineralogical and geological specimens, the purchases, if any, to be made under the direction of Professor Pettee.

The resolution of Regent S. S. Walker was adopted by the following vote :

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Grosvenor read the following communication :

UNIVERSITY OF MICHIGAN, )  
ANN ARBOR, JUNE 13, 1880. }

*To the Honorable the Board of Regents :*

GENTLEMEN—I am instructed to inform your body, that at the March meeting of the Faculty of the Department of Medicine and Surgery, it was voted to recommend for appointment as medical examiner to that department, E. P. Christian, M. D., of Wyandotte, Michigan, *vice* William Brodie, M. D., whose term of service expires at the expiration of this collegiate year, June 30, 1880.

By order of the Faculty.

E. S. DUNSTER, M. D.

The following resolution, submitted by Regent Grosvenor, was adopted :

*Resolved*, That E. P. Christian, M. D., be, and is hereby appointed Medical Examiner for the Department of Medicine and Surgery, *vice* William Brodie, M. D., whose term of service expires this date.

On motion of Regent Climie, the Board adjourned to eight o'clock A. M., to-morrow, Thursday, July 1.

UNIVERSITY OF MICHIGAN, )  
Thursday, July 1, 1880. }

The Board reconvened in the room of the President at eight o'clock P. M.

Regent Cutcheon stated that for several years past, and while a member of the Board of Regents, he, with others, had desired to attend a portion, at least, of the exercises

of Commencement Week. The press of business, however, had usually been such as to prevent his attendance, as it had that of others. He did not think this was right, and he did not hesitate to say that he thought it would not only be agreeable to, but it was the duty of members of this Board so to arrange their business as to enable them to attend the closing exercises of the week. He therefore would move that the Board do now adjourn to meet immediately after the banquet in the afternoon of to-day.

The motion of Regent Cutcheon prevailed.

#### AFTERNOON SESSION.

The Board re-assembled in the room of the President at three o'clock P. M.

In the absence of the President and Secretary, who were in attendance upon the closing exercises of Commencement Day, Regent Van Riper was called to the Chair, and Regent E. C. Walker was appointed Secretary *pro tempore*.

Regent Grosvenor, from the Committee on the Department of Medicine and Surgery, in response to the petition of Instructor Stowell, recommended the adoption of the following resolution:

*Resolved*, That one hundred and fifty dollars be, and is hereby appropriated for the purchase of a high-power objective, as recommended by Instructor Charles H. Stowell.

The vote on the adoption of the resolution was as follows:

Ayes—Regents E. C. Walker, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Not present—Regent Climie.

The annual report of the Librarian was received and read by Regent Duffield, and, by recommendation of the Library Committee, placed on file.

The following partial report of the Library Committee was then read by Regent Duffield.

Their full report they reserve until the Library Committee can be called together.

They would respectfully suggest through the Board to the Committee on Buildings and Grounds—

1. That the ceiling of the Library be kalsomined.
2. That one or more of the rooms vacated when the Museum building is complete, be reserved and fitted up as a reading-room.

The following communication was received and read by Regent Duffield:

NEW YORK, May 7, 1880.

*Rev. George Duffield, D. D. :*

DEAR SIR—Yours of the 3d is at hand with the Catalogue. We have selected from those you marked, fifty dollars' worth at catalogue prices, taking those that we thought most likely to be useful to your Library.

They go by freight line.

Yours very truly,

ROB CARTER & BROS.

At the close of the reading of the above communication, Regent Duffield submitted the following resolution, which was unanimously adopted:

*Resolved*, That the thanks of the Board of Regents be most cordially tendered to Mr. Robert Carter, New York, for his recent donation of excellent and valuable books to the University Library. The donation of these books is all the more acceptable, because the slender appropriation on which the Library mainly depends for its increase, must of necessity be almost entirely expended in books required in the several departments. The class of books published by Messrs. Carter & Brother are so widely and favorably known that we would be glad to have as many of them in the Library as possible.

Regent Shearer, chairman of the Committee on Buildings and Grounds, submitted the following preamble and resolutions:

WHEREAS, The duties of Assistant Professor J. B. Davis required too much of his time to permit his giving sufficient attention to the works in progress on the Museum Building, and

WHEREAS, He has been obliged to be absent most of the time since the 24th day of May last; therefore

*Resolved*, That he be relieved as Superintendent from and after that date, and that Andrew Climie, who has served since said 24th day

of May last by appointment of the Committee on Buildings and Grounds, be, and is hereby appointed Superintendent of the Museum Building; his appointment to date from the 24th day of May, 1880.

The vote on the adoption of the preamble and resolution presented by Regent Shearer was as follows:

Ayes—Regent E. C. Walker, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Not voting—Regent Clinie.

The following report was also presented by Regent Shearer:

The Committee on Buildings and Grounds, to whom was referred the communication of Assistant Professor J. B. Davis, of the Department of Civil Engineering, would report that they have carefully examined said communication and other matters connected therewith, and recommend the adoption of the following resolution, namely:

*Resolved*, That the sum of twenty-five hundred and fifty (\$2550 00) dollars, or so much thereof as may be necessary, be, and hereby is appropriated, to be expended under the charge of Assistant Professor J. B. Davis for the purpose of erecting a suitable building, and preparing to give practical tests and instruction in the strength and uses of the various materials used in the constructive arts.

At the conclusion of the remarks upon the report and resolution read by Regent Shearer, Regent S. S. Walker moved that the matter under discussion be laid on the table for the present.

The motion prevailed.

The Secretary of the Board appeared and resumed duty, Regent E. C. Walker, Acting-Secretary, vacating his seat.

Regent Shearer, of the Committee on Buildings and Grounds, presented the following report:

The Committee on Buildings and Grounds, to which was referred the communication from the Common Council of Ann Arbor, relating to water supply, would report that they have carefully considered the communication, and have examined the conditions under which the water supply to the University, is obtained, and find 1st, that the University pays a stipulated sum per annum for the water necessary to its use; 2d. That legal objection has been made (and it is believed can

be sustained) to the diversion of water from the stream issuing from the spring, from which the University derives its supply; and that farther diversion would be very likely to be opposed by the riparian owners along the line of said stream.

Therefore, your Committee are forced to the conclusion, that the University cannot safely agree to the proposal of the Common Council of this city.

JAMES SHEARER,  
SAMUEL S. WALKER,  
ANDREW CLIMIE.

A communication from Assistant Professor Wead, was received and read by Regent Cutcheon. On his motion, it was laid on the table for the present.

The Committee on Law Department, to whom was referred the bill of Mr. Richard Tregaskis, of Detroit, for balance of his claim for services, rendered under contract, submitted the following resolution, which was adopted :

*Resolved*, That the bill of Richard Tregaskis, for balance due for services, namely: \$72.00, be allowed and paid.

The vote on the adoption of the resolution was as follows :

Ayes—Regents E. C. Walker, Cutcheon, S. S. Walker, Duffield, Van Riper, and Grosvenor.

Absent and not voting—Regents Climie and Shearer.

Nays—None.

The annual report of the Demonstrator of Anatomy was received and read by Regent Grosvenor. On motion, the report was accepted and ordered placed on file.

Regent Grosvenor also presented the following resolution, which was adopted :

*Resolved*, That Professor Donald Maclean be, and hereby is authorized to purchase for the use of the University, surgical instruments to the amount of three hundred dollars, if so much is needed.

Ayes—Regents E. C. Walker, Cutcheon, S. S. Walker, Duffield, Van Riper, and Grosvenor.

Absent and not voting—Regents Climie and Shearer.

Nays—None.

The following communication was received and read by Regent Duffield :

ANN ARBOR, July 1, 1880.

*To the Honorable the Board of Regents of the University of Michigan :*

GENTLEMEN :—I hereby resign my position as Professor of Materia Medica, Therapeutics, and Experimental Pathology in the University.



pathic College of the University of Michigan, because I cannot participate in the duplicity which my immediate colleagues are practicing upon the generous people of a State justly famed for its munificence in educational matters.

Very respectfully, SAM'L A. JONES, M. D.

On motion of Regent S. S. Walker, the resignation of Professor Samuel A. Jones, of the Homœopathic Medical College, was accepted.

Regent Grosvenor submitted the following resolution :

*Resolved*, That the President, Secretary and Treasurer of the University be, and are hereby directed to engage such assistance as may be necessary, to prepare such inventory as required by "An Act relating to the accounting for money received and expended by certain officers," and that said inventory be taken at the time required by Section 7 of said Act: and said Act be in all respects complied with, by the officers referred to.

Adopted by vote, as follows:

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Grosvenor presented the report of the Dean of the Homœopathic Medical College, which was accepted and ordered placed on file.

Regent E. C. Walker, of the Committee on the Pharmaceutical Department, submitted the following report and resolutions:

The Committee on the Chemical and Pharmaceutical Department, to whom was referred the communications of Prof. A. B. Prescott, made at the last and at the present meeting of the Board, would respectfully report—

That after a careful examination of the matters in said communications, we respectfully recommend the adoption of the following resolutions:

*Resolved*, That Otis C. Johnson, now assistant in the Chemical Laboratory, be appointed Assistant Professor of Applied Chemistry at a salary of \$1,600, to take effect from the beginning of the next academical year.

*Resolved*, That Byron W. Cheever, M. D., now assistant in Chemical Laboratory be appointed Instructor in Applied Chemistry at a salary of \$900.00, to commence October 1, next.

*Resolved*, That Patrick E. Nagle, M. D., be appointed Assistant in Qualitative Analysis, and James F. Geisler, Ph. C., Assistant in Pharmaceutical Preparations, for one year from October 1, next, at a salary of \$250.00 each, provided, the Chemical Laboratory shall be enlarged as contemplated during the coming vacation.

*Resolved*, That the Secretary of the Department of Pharmacy be allowed a salary of \$100.00 per annum.

E. C. WALKER,  
JAS. SHEARER,  
Committee.

On conclusion of the reading of the report, Regent Walker moved that it be accepted.

The motion prevailed.

The question being upon the adoption of the report and resolutions, Regent Walker moved an amendment to the first resolution, as follows:

Strike out \$1,600, and insert \$1,200.

As amended, the first resolution was adopted by the following vote:

Ayes—Regents E. C. Walker, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

On the second, third and fourth resolutions there was no further action.

Regent Climie submitted the following resolution, which was adopted:

*Resolved, That the Treasurer of the University be and is hereby directed to pay J. B. Davis one hundred dollars, in full for services as Superintendent of Museum Cases.*

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

The following resolutions were presented by Regent Climie:

*Resolved, That the Treasurer of the University be and is hereby directed to pay J. B. Davis fifty dollars, balance due him for services as Superintendent of the Museum Building.*

*Resolved, That the Treasurer of the University be and is hereby directed to pay C. S. Dennison one hundred and fifty dollars, in full for services as draughtsman for Laboratory enlargement.*

The vote on the adoption of the resolutions submitted by Regent Climie was as follows:

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

The following resolution, presented by Regent Climie, was adopted:

*Resolved*, That the Treasurer of the University, W. A. Tolchard, be and is hereby directed to transfer \$1,000 from the General Fund to a Special Fund for the building of Museum Cases.

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Grosvenor called the attention of the Board to the fact of having been informed that the word “regular,” as it had sometimes appeared, either in the proceedings of the Board or in the publications of the University, was calculated to give offense, and suggested the propriety of excluding it in the future, wherever and whenever it was applied in an offensive sense.

The following resolution, submitted by Regent Cutcheon, was adopted :

*Resolved*, That the matter of providing a permanent water supply within the control of this Board, be referred to the Committee on Buildings and Grounds, together with the Secretary of the Board, with power to act, and to report to the Board at the next meeting.

Regent E. C. Walker presented the following resolution :

*Resolved*, That the able address of Rt. Rev. S. S. Harris be requested for publication, and that the sum of \$75 be appropriated for printing the same.

The vote on the adoption of the resolution of Regent Walker was as follows:

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

On motion of Regent Climie, \$182.80 was appropriated for Regents' expenses, by the following vote:

Ayes—Regents E. C. Walker, Climie, Cutcheon, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

On motion of Regent S. S. Walker, the Board adjourned to the 14th day of September, 1880, at 10 o'clock A. M.

H. D. BENNETT,  
Secretary.

## SEPTEMBER MEETING.

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UNIVERSITY OF MICHIGAN,  
ANN ARBOR, Tuesday, September 14, 1880. }

The Board of Regents assembled in adjourned session in the room of the President at 10 o'clock A. M.

Present—Acting-President Frieze, Regents E. C. Walker, Climie, S. S. Walker, Duffield, VanRiper and Grosvenor.

Absent—Regents Cutcheon and Shearer.

The meeting was called to order by Acting-President Frieze, who announced a quorum present.

Regent Climie stated that it was desirable a full Board should be present if possible, and to afford an opportunity for this, he would move that a recess be taken to 2 o'clock P. M., to-day. The motion prevailed.

### AFTERNOON SESSION.

The Board re-assembled in the room of the President at 2 o'clock P. M.

Present—a full Board, except Regent Cutcheon.

On motion of Regent E. C. Walker, the minutes of the last meeting were approved as printed.

Regent Duffield read a report of the meeting of the Executive Committee of the Board, held on the 4th day of August last, in the room of the President.

On motion the report was accepted and placed on file.

Regent E. C. Walker submitted the following resolution, which was unanimously adopted:

*Resolved*, That the action of the Executive Committee relative to the appointment of Dr. H. C. Allen to the chair of Materia Medica in the Homœopathic College, be confirmed, except that he be appointed *Lecturer* on Materia Medica and Pharmacology for one year, from October 1st, at the salary of \$1,650 per annum.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, VanRiper, Grosvenor and Shearer.

Nays—None.

Regent Climie read the following report of the Treasurer of the University, which was accepted and ordered printed in the minutes.

*To the Finance Committee of the Board of Regents:*

GENTLEMEN—Herewith please find a statement of the transactions of the Treasury from June 26, 1880, to September 11, 1880, inclusive.

Balance on hand June 26, 1880,.....	\$ 19,194 77
Received from State Treasurer, University Interest.....	12,807 95
Received from State Treasurer, State Aid.....	15,750 00
Received from State Treasurer, Homœ. Med. College.....	2,000 00
Received from Feretchat Bank, A. A. Interest.....	245 99
Received from Students Fees.....	2,799 91

\$52,798 62

Paid Warrants for Salaries.....	\$ 24,591 67
Paid Vouchers General Expense.....	15,568 42
Paid Vouchers Special Funds.....	2,628 74

\$42,788 83

Balance on hand..... \$10,009 79

Representing the following balances:

General Fund.....	\$ 3,206 74
Homœopathic Medical College.....	1,345 49
Dental College Apparatus.....	91
Hospital.....	2,133 84
Museum Building.....	1,881 86
Steam Heating Apparatus.....	101 99
Homœopathic Hospital Equipment.....	496 19
Dental College.....	842 77

\$10,009 79

Respectfully submitted,

W. A. TOLCHARD, Treasurer.

On motion, the Board went into executive session; and after having spent some time therein, a recess was taken until 7.30 o'clock P. M.

#### EVENING SESSION.

The Board reassembled in the room of the President at 7.30 o'clock P. M.

Present—a full Board except Regent Cutcheon.

Regent Duffield annouced the presence of Professor J. B. Steere, who desired to make a verbal statement relative to the condition and wants of the museum, and of the necessity of additional assistance in "studying up" and arranging the material which had been collected and was now on hand.

On motion, Professor Steere was permitted to address the Board.

Regent Grosvenor stated that he thought the report read by Regent Climie at the morning session relative to his services as Superintendent of the Museum Building, the Chemical Laboratory Enlargement and Museum Cases, should be taken from the table, and be placed on file. There being no objection, it was ordered that the report take that course.

Regent Shearer submitted the following resolution, which was adopted:

*Resolved*, That the mode of increasing the strength of the main beams for the three floors in the museum building be changed from braces to channel bars, to be bolted on each side of each beam; the cost of said iron work not to exceed Eight Hundred and Fifty Dollars when completed.

Ayes—Regent E. C. Walker, Climie, S. S. Walker, Duffield, VanRiper, Grosvenor and Shearer.

#### MORNING SESSION.

UNIVERSITY OF MICHIGAN, }  
Wednesday, September 15, 1879. }

The Board reconvened in the room of the President at 9 o'clock A. M.

Present—a full Board except Regent Cutcheon.

Regent E. C. Walker stated that he was in receipt of a letter from a lawyer in Ohio, relative to a legacy left the University by Miss Mary Porter of the same State, which he would read if the Board so desired. The reading of the communication was called for, and after having been read, it was referred to the Committee on the Law Department.

Regent Grosvenor, of the Committee on the Medical Departments, stated that he thought the report submitted by the

Dean of the Homœopathic Medical College at the June meeting of the Board, should take the same course as those of the Department of Medicine and Surgery: therefore he would move that the report be printed in the minutes of this meeting.

The motion prevailed.

The report alluded to by Regent Grosvenor is as follows:

UNIVERSITY OF MICHIGAN,  
HOMŒOPATHIC DEPARTMENT, }  
June 29, 1880.

GENTLEMEN—In behalf of the Homœopathic College of the University of Michigan, I transmit herewith a synopsis of the general Educational Clinical work done in this department for the year ending June 30, 1880.

COURSE OF INSTRUCTION.—The *Course of Instruction* just terminated has been more satisfactory both to Faculty and Students, than that of any previous session and the number of matriculates have increased over that of any preceding year. The educational course has been more comprehensive and thorough the past session than any preceding term, owing to our recent hospital accommodations and more extended clinical facilities.

MATERIA MEDICA.—The *Chair of Materia Medica* has delivered during the term 72 lectures exclusive of repetitions which aggregate 144 didactic lectures for the session of nine months.

THEORY AND PRACTICE.—The *Chair of Theory and Practice* has given 72 lectures and repetitions, which amount to 144 delivered during the session; these, together with the clinical work done by the same chair give an additional 72 hours. As an addenda to this chair Professor Wilson has given 20 *didactic*, and has added about 40 *clinical* lectures on the *Diseases of the Eye and Ear*, making a total of about 250 lectures delivered by that chair during the session.

THE SURGICAL CHAIR.—The work of this chair has been adapted as far as possible to the Graded Course; one half of the term has been devoted to teaching the *Principles of Surgery and Minor Surgery*; the remainder to Operative Surgery including a review of the former, making 72 first lectures, which with the seconds give the total of 144 lectures; these with the clinical work twice a week of one and a half hour each, give a grand total of 252 clinical and didactic lectures during the term of one hour each.

GYNÆCOLOGICAL AND OBSTETRIC CHAIR.—Since the appointment of Professor H. C. Allen by the Faculty to the *Chair of Diseases of Children, Obstetrical and Gynæcological Diseases*, created by the Board of Regents in March last, there have been delivered in this important branch of

medicine about 30 didactic lectures, exclusive of about the same number of clinical hours devoted to the *treatment of the diseases* indicated by this specialty, making in the aggregate a total of 60 lectures clinical and didactic on these significant topics.

A summary of lectures, clinical and didactic, given in the Homœopathic College for the term just closed is as follows, viz.

*Lectures.*

In the Materia Medica Chair.....	144
In the Theory and Practice chair (including Eye and Ear).....	250
In the Surgical Chair.....	250
In the Obstet. and Gynæcological Chair.....	60
Making a grand total of lectures given during the term in the Homœopathic College alone.....	684

CLINICAL WORK.—A summary of the clinical work done in the Homœopathic Department, most of which has been performed since the opening of the Hospital, is as follows:

*Cases.*

In the Theory and Practice Department.....	162
In the Eye and Ear Department.....	177
In the Surgical Department.....	149
In the Gynæcological Department.....	41
Making the grand total.....	529
Of these there were cured.....	488
Improved by treatment.....	30
Incurable cases.....	11
Important operations performed.....	71
Prescriptions made.....	1300

The excess of cases treated the present year over that of the previous year, is 204. The increased facilities for accomplishing clinical work, in consequence of better and more enlarged accommodations erected for us, the current term, have added considerably to the amount of clinical material presented, and the Faculty are sanguine, that the number and variety of clinical cases will be augmented from year to year by the increasing interest manifested in our school through its friends and patrons.

HOSPITAL WORK.—Since the *opening of the Hospital and Amphitheatre* and the consequent increase in the number of patients, the *Clinical staff* have had their labors largely multiplied. The uniform success that has followed their ministrations, promises a rich harvest of clinical and bed side practice which will redound largely to the growth of this Department of the University.



Since the opening of the hospital, its beds have been put to the *everest test* for accommodating the applicants, and several times patients have been compelled to sleep on the floor and frequently as many as three or four have occupied a single room.

The Faculty therefore request the Board to examine this subject with reference to *increase of accommodation for private patients*. At present there is only one room that can be devoted to this part of hospital work which has embarrassed the clinical staff in the performance of their duties.

THE GRADED COURSE.—In accepting the conditions of the graded course recently adopted by the Board, the Faculty have issued a *circu-lar to the profession* setting forth the schedule of studies recommended, and the aim and purpose of the extended course. In accordance with the programme laid down, the lectures on *Materia Medica* are to be considerably increased in number to meet the expressed wish of the representative men in our profession and to meet the requirements of the students in this important branch of study. This will necessitate some mutual arrangement between the two schools for the proper adjustment of the additional lectures proposed, the rule heretofore being that there should be a correspondence of lectures in the two schools at the same hour.

EXPERIMENTAL PATHOGENECY and the PREPARATION OF REMEDIES and their physiological action. Two branches of our *Materia Medica* which have not received the attention hitherto that their importance demands, have been provided for the teaching of this chair hereafter; and the Faculty request that the Board will *appropriate sufficient funds* to carry on this important work that up to this time has been a dead letter.

THE THERAPEUTICS OF GYNÆCOLOGY AND OBSTETRICY—A petition was presented to the Faculty the present session by the students of the Homœopathic College, stating that they were deprived of instruction in this interesting branch of practice, and were consequently unprepared to enter upon the active duties of their profession. The Board to whom this subject was referred promptly *created a chair* with the view of having this important branch properly taught. The Faculty were empowered to fill this chair, without compensation, and Dr. H. C. Allen, of Detroit, was appointed, and entered upon its important duties to the entire satisfaction of both the Faculty and students. The ability and fidelity which he brought to the work are attested partly by the summary of clinical and hospital cases treated by him since his advent to the chair.

The Faculty request that the Board will make this chair a permanent

one with a *suitable appropriation* for its maintainance hereafter.

EXAMINATIONS.—The Faculty, with the idea of giving extended publicity to the thorough teaching that has marked this Department of the University the past year, and for the purpose of reviewing the important subjects gone over during the long session of nine months, has instituted a plan of "*Examination reviews*," beginning on the 7th day of June and terminating on the 25th day of the month, by the Examining Board. The plan has proved so valuable and acceptable to the students who have participated in it, that it is proposed hereafter to begin such reviews on the first of June for the benefit of all the classes in "*the graded course*." This work was not participated in by all the Faculty, which was the cause of much embarrassment both to teacher and pupil. And here I am compelled to state that the studied absence of one of the Faculty Professor S. A. Jones, from Faculty meetings, called for the purpose of systematizing and perfecting our plan of instruction and for the better organization of our Department, has given us much trouble not only in the educational work, but in its harmonious management.

THE EXAMINING BOARD.—The appointment of the Board of Examiners, has produced a good effect in this, that it has separated to a certain extent the teaching and examining bodies, and has given an increased value to the Diploma of this College, so as to make it sought after by those students of medicine who prefer a thorough and systematic course of instruction. This, with the long term and the graded course, has placed this College at the very front of Homœopathic Schools in the country, and we believe that with a united and zealous Faculty, it is soon destined to become the best patronized school in the land.

I take pleasure in attesting, in behalf of the Faculty, our appreciation of the commendable manner in which the *Examining Board* has performed its functions, and the earnestness and ability with which it has accomplished the work allotted to it.

THE ECKEL MUSEUM.—In consideration of a long personal friendship with the occupant of the Chair of Surgery in this College, J. N. Eckel, M. D., of San Francisco, California, has generously donated \$50, and a like sum to be paid annually to establish a Museum of Anatomical and Pathological Specimens for the sole use and benefit of the Homœopathic Department.

The faculty at a called meeting upon representations made to it passed the following resolutions, viz:

"WHEREAS, J. N. Eckel, M. D., of San Francisco, California, has generously placed at the disposal of Professor Franklin, an annual fund

for the purchase of pathological and anatomical specimens for the use of the Homœopathic Department of the University of Michigan, therefore,"

"*Resolved*, That the money so generously donated be expended by Professor Franklin for the purpose set forth in the preamble."

"*Resolved*, That the collection thus purchased be called the '*Eckel Museum of Pathological and Anatomical Specimens*.'"

Already a number of interesting specimens have been prepared, and application will be made to the Board for a suitable case to contain them.

**ATTENDANCE CARDS.**—In behalf of the Faculty, I request, that the Board will take some action touching the importance of giving to all of our class who attend the lectures in the Department of Medicine and Surgery "*attendance cards*" showing their presence at such lectures. This is the rule in all well appointed medical schools, and the absence of it works injuriously to our students, in this, that without these cards they are deprived of privileges in the Canadian schools that others enjoy, possessing them. The requirements of the College of Physicians and Surgeons of Ontario, the *Registration bureau* that regulates the Practice of Medicine and Surgery in the Canadas, require these "*attendance certificates*" to prove the qualifications of the applicant for a license to practice his profession.

Until such an arrangement is entered into in behalf of the Homœopathic College, we shall be deprived of the patronage of all such students from the Canadas who desire to become matriculates of the Homœopathic Department of this University.

Believing that the Board will grant the above requests which are presented solely for the best interests and future welfare of this College.

I have the honor to remain, very respectfully,

E. C. FRANKLIN, DEAN.

The following report was read by Regent Duffield:

The Committee on the Literary Department recommend, that an appropriation of thirty dollars be made to equip the music room with charts and works of instruction.

On motion, the report was adopted by the following vote:

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, VanRiper. Grosvenor and Shearer.

Nays—None.

The following paper was also read by Regent Duffield:

The Committee on the Literary Department recommend that

the Librarian and President be authorized to supply an additional attendant in the Library, whose compensation shall not exceed two hundred dollars per annum.

On motion, the recommendation was approved by vote as follows:

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, VanRiper, Grosvenor and Shearer.

Nays—None.

Regent Grosvenor stated that application for the appointment of nurses for the Homœopathic Medical Hospital had been made, and in consideration of granting the request, he would submit the following resolution:

*Resolved*, That the Secretary of the Board be authorized to employ nurses (not exceeding two in number) for the Homœopathic Medical College, from time to time, as may be needed when recommended by the Faculty of said College.

The vote on the adoption of the above resolution was as follows:

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, VanRiper, Grosvenor and Shearer.

Nays—None.

The Dean of the Homœopathic Medical College being present, was permitted to read a statement relative to matters he desired to submit to the consideration and action of the Board. He desired that "the Board shall take under advisement the request of the Homœopathic Faculty, presented at their last meeting, touching the importance of giving to the students who attend the lectures of the Department of Medicine and Surgery, *time cards of such attendance*."

At the close of the remarks upon the subject before the Board, Regent E. C. Walker submitted the following resolution, which was adopted:

*Resolved*, That the matter now under discussion be referred to the President and the Deans of the respective Faculties, for amicable adjustment.

Regent Climie submitted the following resolution, which was adopted:

*Resolved*, That the Treasurer, W. A. Tolchard, be and is hereby directed to transfer the sum of fifteen hundred dollars from the General Fund, to the Fund for Museum cases, for the completion of forty-two cases now in process of building.

Ayes—Regents E. C. Walker, Clime, S. S. Walker, Duffield, VanRiper, Grosvenor and Shearer.

Nays—None.

The following resolution presented by Regent J. J. VanRiper was adopted:

*Resolved*, That the Treasurer employ the necessary help and complete the inventory contemplated by law by the 30th day of September next, and that we request the several Deans of the Faculties and Professors to give all the aid in their power to accomplish this result.

Professor Prescott being present, was permitted on his request, to state briefly to the Board, the wants of the School of Pharmacy. At the close of his remarks, on motion of Regent Duffield, the Board went into executive session, after which business in open session was resumed.

The following report, read by Regent Shearer, was accepted and ordered printed in the minutes.

*To the Honorable, the Board of Regents :*

GENTLEMEN—The Committee on Buildings and Grounds, to whom was delegated the power to contract for an additional story to the Laboratory building, have to report, that after preparing drawings, etc., for said additional story, they solicited proposals for the work necessary, and received an offer from Messrs. Dean Bros., of Detroit, for all of the work and material—except such as would be required for heating, ventilation, plumbing and for water supply—for the sum of \$9,666. During the progress of the work your committee deemed it advisable to direct that the roof of the south wing should be given greater pitch, and did so order at an extra expense of \$50.00. Other extras may be required, but it is the opinion of your Committee that \$150 will cover all these.

The Laboratory, from present prospects will be ready for occupancy about the 1st of October. The work has been performed by the contractor with unusual good faith, and promptness.

The [new portion of the walls need stopping and penciling—this will cost about \$450—and to finish the entire walls in the same way \$800.

Your Committee respectfully request advice as to this finishing of the walls.

All of which is respectfully submitted.

At the close of the remarks on the report read by Regent Shearer, Regent E. C. Walker submitted the following resolution, which was adopted:

*Resolved*, That the stopping, coloring and penciling of the enlarged laboratory building, be deferred for the present.

On motion, the Board adjourned to 2 o'clock, P. M.

#### AFTERNOON SESSION.

The Board reassembled in the room of the President, at 2 o'clock P. M.

Present—a full Board, except Regent Cutcheon.

The following report was submitted by Regent VanRiper:

*To the Honorable, the Board of Regents:*

The Committee on the Law Department, to whom was referred the matter of the legacy of Mary Porter, to the University, beg leave to report that, they have had the same under advisement, and are of the opinion that the Board of Regents should send a member of this Board to Chillicothe to examine into the matter, and if there is anything due the University, that he employ necessary counsel at that place, to take the necessary steps to look after the same.

At the close of the discussion on the report just read, Regent Grosvenor moved that it be accepted, and then submitted the following resolution:

*Resolved*, That Regent VanRiper be authorized and requested to proceed to Chillicothe, Ohio, to the end that he may be able to discharge the duties contemplated in the report of the Law Committee, upon the letter of N. V. Lawrence, referring to the bequest of Mary Porter.

The vote on the adoption of the foregoing resolution was as follows:

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, VanRiper, Grosvenor and Shearer:

Nays—None.

Regent Climie presented the following resolution which was adopted:

*Resolved*, That Frank H. Tyler be and is hereby appointed, without salary, assistant to Edward C. Franklin, Professor of Homœopathic Medicine and Surgery in the Homœopathic Medical College of the University of Michigan.

Regent E. C. Walker, Chairman of the School of Pharmacy, submitted the following resolution, which was adopted:

*Resolved*, That P. Eugene Nagle, M. D., be and is hereby appointed assistant in Quantitative Analysis, and James F. Geisler, Ph. C., be and hereby is appointed Assistant in Pharmaceutical Preparations for one year, from October 1st next, at a salary of \$250 each.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, VanRiper, Grosvenor and Shearer.

Not voting—Regent Duffield.

Nays—None.

The following communication was read by Regent Grosvenor:

UNIVERSITY OF MICHIGAN,  
COLLEGE OF DENTAL SURGERY, }  
ANN ARBOR, Sept. 14, 1880.

*To the Honorable, the Board of Regents:*

I would respectfully recommend that, Dr. U. D. Billmeyer be appointed Assistant to the Chair of Clinical Dentistry.

Yours respectfully,

J. A. WATHING,

Professor of Clinical Dentistry.

At the close of the remarks on the communication just read, Regent Grosvenor submitted the following resolution, which was adopted:

*Resolved*, That Dr. W. D. Billmeyer be and is hereby appointed Assistant to the Professor of Clinical Dentistry, for one year, at a salary of \$200—service to commence October 1, 1880.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, VanRiper, Grosvenor and Shearer.

Nays—None.

Regent Shearer presented the following report:

The Committee on Buildings and Grounds, and the Secretary of the Board, to whom was referred the matter of a permanent water supply, would report—that after such examination and enquiry as they have been able to make—they are of the opinion that no change at this time is advisable, and that thus far they have been unable to improve the present plan of supply, and would ask for further time.

Accepted and ordered printed in the minutes.

A petition numerously signed, praying for the appointment of Dr. Samuel A. Jones, Emeritus Professor of Materia Medica, in the Homœopathic Medical College, was presented by Regent Grosvenor.

On motion, the petition was referred to the Committee on the Medical Department.

Regent Climie submitted the following resolution:

*Resolved*, That the sum of \$128.50 be and is hereby appropriated for Regents expenses.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, VanRiper, Grosvenor and Shearer.

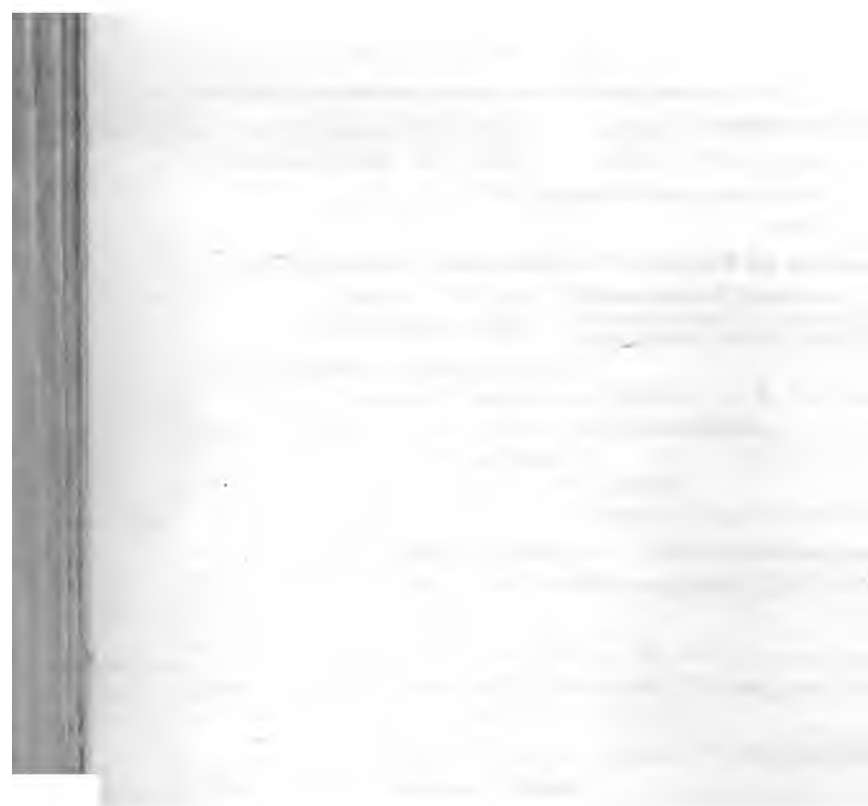
Nays—None.

On motion of Regent E. C. Walker, the Board adjourned to Tuesday evening, November 9th next, at 7½ o'clock.

H. D. BENNETT,

Secretary.









## NOVEMBER MEETING.

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UNIVERSITY OF MICHIGAN, }  
Tuesday, November 9, 1880. }

The Board of Regents assembled in adjourned session, in the room of the President, at 7:30 o'clock P. M.

Present—Acting President Frieze, Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor and Shearer.

The minutes of the last meeting were approved as printed.

The annual report of the President, prepared by acting President Frieze, was received and read, Regent E. C. Walker in the chair. At the close of the reading of the report, together with several of the accompanying papers, Regent Van Riper moved that the annual report of Acting President Frieze be accepted and printed in the minutes; and that the papers accompanying the report be referred to appropriate committees. The motion prevailed.

The following is the report of Acting President Frieze.

*To the Honorable Board of Regents:*

In the absence of the President, who by your consent has accepted from the national government, for a limited period, the office of Minister to China, it becomes my duty as Acting President, to report the state of the University for the year ending June 30, 1880. It would doubtless have been extremely gratifying to the President to present to you in person the report for the year which has been by far the most prosperous in the history of the institution; the ninth year, too, of his own wise and able administration, marked by the steady advancement of the University in the great work for which it was organized, and giving abundant promise of still greater progress in the future. The year has been distinguished by

largely increased attendance, by a decided improvement in all departments of the University in the standard of scholarship, and by uninterrupted order and harmony in all its internal working.

The Faculties, now embracing fifty-two officers of instruction, have remained nearly unchanged. Dr. Henry F. Lyster, appointed Lecturer on the Theory and Practice of Medicine during the absence of Professor Palmer, resigned prior to the opening of the first semester, and Professor Palmer, to whom leave of absence had been granted for a year, was recalled from Europe. Professor George S. Morris accepted a temporary appointment to fill the chair of Modern Languages during the absence of Professor Walter, who was permitted by the Board to spend the first semester in Paris. Hon. Alpheus Felch, ex-Governor of the State of Michigan, was appointed to the newly established Tappan Professorship of Law.

Four hundred and ten degrees on examination, and four honorary degrees have been conferred, as follows :

*Degrees on Examination.*

Pharmaceutical Chemist.....	24
Mining Engineer.....	3
Civil Engineer.....	4
Bachelor of Letters.....	3
Bachelor of Science.....	2
Bachelor of Philosophy..	16
Bachelor of Arts.....	20
Master of Philosophy.....	2
Master of Arts.....	7
Doctor of Philosophy.....	1
Doctor of Medicine (Department of Medicine and Surgery).....	91
Bachelor of Laws.....	175
Doctor of Medicine (Homœopathic Medical College).....	19
Doctor of Dental Surgery.....	34
	<hr/>
	410

*Honorary Degrees.*

Master of Arts.....	2
Doctor of Philosophy.....	1
Doctor of Laws.....	1

The whole number of degrees conferred, therefore, was 414.

The number of students in attendance was fourteen hundred and thirty, registered in the six departments and schools as follows:

*Department of Literature, Science, and the Arts.*

RESIDENT GRADUATES.....	13
CANDIDATES FOR DEGREES.....	387
STUDENTS NOT CANDIDATES FOR DEGREES.....	48— 448

*Department of Medicine and Surgery.*

STUDENTS—TOTAL IN THE DEPARTMENT.....	353
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*Department of Law.*

SENIORS.....	180
JUNIORS.....	215— 395

*School of Pharmacy.*

RESIDENT GRADUATE.....	1
SECOND YEAR.....	33
FIRST YEAR.....	47— 81

*Homœopathic Medical College.*

STUDENTS—TOTAL IN THE COLLEGE.....	70
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*College of Dental Surgery.*

STUDENTS—TOTAL IN THE COLLEGE.....	83
	1430

Thus the total of attendance exhibits an increase of 54 over that of the previous year, which itself was unprecedented in the history of the University. This increase is the more gratifying inasmuch as it has taken place in spite of more stringent requirements for admission and graduation, especially in the professional schools.

In the Department of Literature, Science, and the Arts there were 3 candidates for the degree of Mining Engineer; for that of Civil Engineer, 8; Bachelor of Letters (English), 23; Bachelor of Science, 45; Bachelor of Philosophy, 35; Bachelor of Letters (Latin), 63; Bachelor of Arts, 210.

In connection with this enumeration it is worth while to observe that the courses of study, both in the schools of the State and in the University, are so organized and conducted that there is no difference in the completeness of instruction

afforded to students who are candidates for the several degrees, whether classical or non-classical. While every student in the High Schools and the University has absolute freedom of choice amongst the various courses or lines of study leading to different degrees, the facilities for learning in each of these courses, the privileges and the honors, are as nearly equal as the authorities of school and University can possibly make them. If there is any preference manifested in either direction, that preference is the result of the student's own judgment. No one is required to study for the classical degree rather than for another, nor do the authorities of the University offer any special inducements for the pursuit of one degree rather than another. For twenty-eight years the University has placed classical and non-classical studies on a footing of absolute equality, both in opportunities for acquirement and in rewards for successful attainment. I take occasion to emphasize this fact, because of the prevailing misapprehension which exists in this State and elsewhere as to the relative position held by the Ancient Languages in our educational plan.

Two facts are to be noted: first, that no one is compelled, in pursuing his education through the courses of study in the schools and the University, to spend any time whatever upon the classical languages; and, second, even if the student chooses the so-called classical course, the proportion of time actually devoted to classical studies in that course, is but a small fraction of the whole time given to his education. This can be demonstrated at once by reference to the plan of studies long established in our graded schools, in connection with that of the University.

A Michigan boy or girl, commencing with the Primary School, passing through the High School, and completing a course in the University for either of the four non-professional degrees, designated as Bachelors' degrees, spends, on the average, about sixteen years in the work of education.

Of the four plans of study established in the best organized High Schools, and connecting with each of the four plans in the University leading to these four degrees, one (leading to the

degree of B. L.) admits *neither Latin nor Greek*; a second (leading to B. S.) requires in the High School an elementary course of about one year in Latin, as a preparation for the understanding of scientific terms, *but requires no Latin in the University*; a third (leading to the degree of B. L. Latin, or B. P.) requires Latin in the High School and University, but *no Greek*; and one (leading to the degree of B. A.) requires *both Latin and Greek* in the High School and University. Now, the percentages of time spent by our youth on the average in the studies of the Primary School and of these four courses or plans which follow the Primary in High School and University, that is, in the whole sixteen years of his education for the Bachelor's degree, are as follows:

	B. A.	B. L. (L.)	B. L.	B. S.
Mathematics.....	19	18	13	19
English.....	17	16	21	17
Modern Languages.....	0	10	13	8
Ancient Languages.....	22	10	0	2
History.....	2	2	3	4
Writing and Drawing.....	5	5	5	7
Sciences.....	9	12	15	30
Electives.....	24	25	28	11
Music.....	2	2	2	2
Totals.....	100	100	100	100

This table represents the percentages of time as arranged in the best schools of Michigan, combined with those of the University. That is, the youth who passes through school and University to the degree of Bachelor of Science, gives two per cent. of sixteen years to Latin, eight per cent. to Modern Languages, and all the rest of his time to English and scientific studies. The candidate for the degree of Bachelor of Letters in English, gives no time at all to Ancient Languages, thirteen per cent. to Modern Languages, and all the rest to English and scientific studies. The Bachelor of Letters in Latin gives ten per cent., that is a little more than one year and a half in sixteen, to Latin, the same to Modern Languages, and the rest of his time to English and scientific studies; unless he choose of his own preference to add more to his knowledge of Latin. Lastly, the Bachelor of



Arts gives twenty-two per cent., or a little more than three years in the sixteen, to classical studies, with the privilege also of adding more to this kind of study if he prefer to do so. The remainder of his time, too, that is, a little less than thirteen years, is devoted to English and scientific studies, and, if he desire, to modern languages.

These facts show plainly enough that the complaint sometimes made, that an excessive amount of time is spent by the schools as well as by the University upon the classical studies, is entirely unfounded; and, also, that any deficiency which may exist in the education of our youth in the English Language and in scientific studies, cannot be attributed to undue attention to the Ancient Languages. We should also remember, and the fact, I apprehend, is not generally understood, that one half the time given nominally to the teaching of Latin and Greek, even in the classical courses, is in reality employed under good and true teachers, in the most practical and useful kind of study in English; for the labor of the class-room consists largely in severe and critical questions as to the usage of English words and phrases. Whatever complaint may be made of the one-sidedness of education in some of the schools and universities elsewhere, whatever complaint Jules Ferry may make of the excess of the classics in French education, it is evident that such censures have no application whatever to this region, and especially to Michigan. We are in no danger of too much literary culture here. In fact, these figures show that our inquiry should be, and that, too, with some solicitude, not what harm the "dead languages" are doing, but what becomes of the thirteen or sixteen years of the precious time of education given exclusively to English and scientific studies; and what kind of teaching is it which leaves our children and youth, after this large part of life devoted to these branches, so ignorant of them that there is no alternative in defence but to cry out that the classics are to blame? One might suspect that these things would be better learned and understood even if more time were given to the classics. It will be noticed that the period here mentioned of thirteen or sixteen years, devoted to non-classical studies, does

not include our professional education, which would, if added, extend the period to sixteen or nineteen years.

That this subject may be still more distinctly presented, I append a table showing the proportions of time assigned to various studies in the University and the schools separately.\*

The continuity of the studies in the local schools of the State and in the University, suggests a remark on the working of the plan of school visiting and inspection, adopted by the Literary Faculty ten years ago, and usually called "the diploma system." According to this plan, candidates for admission to the Literary Department, holding the diploma of any Michigan High School, which has been visited on the request of the School Board by an examining committee of the Faculty, and approved, are admitted to the University without examination. This innovation on old customs, like all innovations, and chiefly because it was an innovation, was met at once with severe criticism, and especially by some distinguished educators in the older colleges; fearing, as was alleged, that such a system would bring down the standard of scholarship. Experience, however, just as in the case of the admission of women to the University, an innovation made at the same period, has proved that there was no ground for fear, except that the thing was new, and not practiced in the mother colleges. Two facts are to be noted among the results: first, the standard of preparation in the High Schools, if affected at all, has been elevated rather than lowered; second, the State system of education has become a reality. It is obvious that there can be no system, properly so called, without an actual and living connection and communication among its members. By calling for the visiting or examining committees of the Faculty, the High Schools have been brought into that vital connection with the University which makes them parts of an actual organism, and, so far as concerns these schools, our State System no longer exists merely on paper.

There are now sixteen of the most flourishing and important High Schools of the State holding this relation to the Uni-

\* Appendix A.

versity; and no one can look into the condition of these schools without feeling satisfied that this connection has had the effect both to animate their students to more earnest effort, and to encourage and strengthen the teachers; while it has brought about a more perfect unity of plan and method in the schools of the State in general. In short, it gives to our schools, otherwise isolated, a bond of union and a centre of life. We are convinced, as the result of an experiment of ten years, that this cooperative plan, especially if entered into by the few remaining schools, and thus perfected, will give a character of consistency, solidity, strength, and efficiency to the educational work of the State, which will leave nothing further to be desired but the uninterrupted operation and movement of the system.

Nearly related to this subject is the question of the possible advancement of the Literary Department of the University from the condition of a German Gymnasium or French Lyceum, which it has occupied hitherto, in common with American Colleges generally, to that of a genuine university Department of Letters and Philosophy. The traditional usage of American Colleges, which closes up the work of education with the Bachelor's degree, and accustoms our youth to look upon that degree as the ultimate aim and end of all their studies, has left our liberal education very far below the proper standard, and notably below that of the German Universities. In other words, our Universities have given their strength chiefly to the work of secondary, instead of the higher education. How to make the needed transformation from this almost purely gymnasial work to that of the University proper, has been for some years the problem before the minds of university men.

It is manifestly difficult, if not impossible to change the Gymnasium into a University by merely building up a system of post-graduate courses, as a sort of annex to the old established curriculum of four years; for the post-graduate work will thus continue to be a mere subsidiary appendage, and the so-called Collegiate Department will still be the central and characteristic part of the institution. And, furthermore, the Bachelor's degree, conferred with imposing ceremonies upon the successive

classes, will continue to be looked upon as the goal of educational work and the end of all perfection. I could almost venture to express the hope that the time will come when these Bachelors' degrees will even be abolished; and that instead of them, certificates of proficiency or maturity will be given, as in the German Gymnasium, to those who are prepared to enter upon the proper university studies preliminary to the Masters' and Doctors' degrees; especially since the Bachelors' degrees, in the multiplication of our Colleges and Universities, have been made so easy of acquisition that they have well-nigh lost all significance. Now, it seems to me that our close connection with the Public High Schools, and the continuity of the courses of study in the University with those of the schools, give us just the opportunity we need to initiate the proper university work, and to make the Masters' degrees gradually take the place of the Bachelors'. For the schools will certainly advance steadily, though slowly, in the grade of their attainments, and thus the university students, being better prepared in the schools, will be enabled so much the sooner to commence their work for the Master's degree. And it is just here, I think, that our new arrangement of studies in the University, which has been called "the new departure," comes in to facilitate the transformation which we desire. [For it emancipates the student from the trammels of fixed courses at the period when he is sufficiently advanced in age and discipline, to choose and pursue his studies for himself as an individual, and according to his individual gifts, attainments, and necessities. And this is precisely the characteristic of university work for the Master's degree, as distinguished from gymna-sial or lyceum work for the Bachelor's degree. It is probable that this freedom, or liberty of individual advancement, under the favorable circumstances I have spoken of, offering to the student so much encouragement to look beyond the Bachelor's degree, and to remain in the University until he can become a Master, will sooner or later throw the former into the shade, and make the Master's degree the aim of all the more talented and enterprising students. And this probability is strengthened by the

constantly increasing number of candidates for the advanced degrees.

I think that every encouragement and incentive should be given to undergraduates to look upon this as the true end and aim of university studies. And thus, I trust, though some of us may not live to see it, that the secondary education may be placed where it belongs. / Our Faculty should as soon as possible cease to expend all their time and strength on that which ought to be the work of the High School; thus compelling our more ambitious students to resort to foreign universities to obtain their higher education. For they should get their whole education at home. As one of the most intelligent and patriotic of ancient writers, the Younger Pliny, says, "Our youth should be educated in the land of their birth, resorting to the schools of their own country, and learning to love their native soil."

In connection with the statistics of the year it may be of interest to notice that in the attendance of women there was a slight increase over that of the previous year, while the proportion to the whole number of students was somewhat less. There were in the Department of Literature, Science, and the Arts, 81; Department of Medicine and Surgery, 43; Law Department, 1; Homœopathic Medical College, 8; School of Pharmacy, 2; Dental College, 3; total, 138.

Fifty-nine of the women in the Literary Department were candidates for degrees, as follows: Bachelor of Letters, 7; Bachelor of Science, 3; Bachelor of Letters (Latin), 21; Bachelor of Arts, 28; total, 59. There were 22 pursuing selected studies, and not candidates for degrees.

Of the fourteen hundred and thirty students in attendance, six hundred and forty-three were from Michigan; and of these, two hundred and fifty-one were in the Literary Department. Thirty-five other States were represented; most largely, Ohio, Illinois, New York, Indiana, and Pennsylvania. There were also students from England, Prussia, Japan, Burmah, Hawaii, the Bermudas, and the Provinces of Ontario, Quebec, and New Brunswick. The fees for matriculation and other purposes

received from the seven hundred and eighty-seven students outside of the State, amounted to about \$30,000.

In all the professional schools there has been an increase of attendance, excepting the Law Department, in which there was no material variation from the usual number. In the Department of Medicine and Surgery, the increase of numbers and the extension of the course to three years, with the accompanying division of the school into classes, will call for some modification of the present arrangement of lectures, the details of which must be determined by conference of the Faculty with the Board. The condition of the Department and its urgent wants are fully set forth in the Dean's report.

The Homœopathic College is gaining gradually in numbers. The question of an addition to its corps of professors must soon be considered; and perhaps such an addition, if attainable before the opening of another year, may be of advantage in relieving the burden of the Department of Medicine and Surgery.

The amphitheatres now connected with the hospitals of both Medical Schools, and the clinics, greatly multiplied by the number of patients resorting to both hospitals, have added immensely to the value of our medical education, while they have proved an inestimable boon to the sick and suffering from all parts of the State, as well as from abroad. The whole number of patients treated during the year, in both departments, was upwards of one thousand eight hundred.

The Law School, which of all the departments of the University, has from its organization, twenty-one years ago, to the present day, moved on with the least interruption and irregularity, and with the most perfect harmony, has passed through the year with its usual prosperity. The enlargement of its Faculty by the addition of a new chair, named after the first President of the University, the honored and venerable Dr. Henry P. Tappan, and the appointment to this chair of one of our most distinguished citizens and most eminent lawyers, the Hon. Alpheus Felch, have added greatly to the efficiency and usefulness of this department. An opportunity has thus been

afforded to the Law students, especially to those of the first year, for daily class recitations and examinations, in addition to the usual course of lectures. It is to be regretted that the department, by the intrusion of the University Library, is still deprived of the use of a large portion of the building originally intended for its exclusive accommodation. I hope that the necessity for this kind of trespass will soon be removed. The Law Department needs all the space contained in the building, and even more. The earnest appeal on this subject, contained in the report of the Dean of the Law Faculty, I doubt not, will receive from the Board all that consideration which the urgency of the case demands. And I would remark here that the interests of the whole University, not less than those of the Law Department, make it imperative that new accommodations should be provided as speedily as possible for the General Library. The entire inadequacy of the apartment which it now occupies in the Law Building, the great disadvantage we are suffering in its use for the want of more room and a better location, will be brought to your attention by the Committee of the Faculties on the Library.

The interesting report of the Dean of the School of Pharmacy indicates the continued success of that department. The papers written by its professors and students have been published extensively, and quoted with approbation in the principal pharmaceutical journals of this country as well as those of England and Germany. To our School have been assigned for several years by the National Society of Pharmacy some of the most important subjects of investigation in chemical analysis, to be reported to that society; without any doubt, the industry and distinguished attainments of its officers, and the enthusiasm, success, and rapidly growing reputation of its graduates have given our School a position at least as high as that of the best Schools in this country. I bespeak your attention to the detailed report of the Dean of the Faculty; and also, as a kind of exponent of the high aims and success of the School, to the accompanying report of the Scientific publications of the Dean himself during the long period of his faith-

ful service, and to the notice of a new method of chemical study originated by another professor of the school, taken from the *Chemical News* of London.

The Dental School continues to justify the provision made to the legislature for its organization and support. It is steadily growing, and its good service to the important profession which it represents, is already widely appreciated. In creating this School as well as that of Homœopathic Medicine, the Legislature undoubtedly did not intend to do its work by halves, and will continue to afford the necessary means not only for sustaining, but for strengthening both of these Faculties; so that both may do full justice to the responsible work which has been placed under their charge.

The University now possesses four Laboratories: that of Analytical and Applied Chemistry, which is often styled by distinction "the Laboratory;" the Laboratory of General Chemistry, the Physiological Laboratory, and the Physical Laboratory. The work of the first two is carried on in the Laboratory building; the dimensions of which it has been found necessary to enlarge, in order to accommodate the increasing number of students. The work of the Physiological Laboratory is conducted in the Medical building, and the Physical Laboratory is connected with the lecture room of the professor of Physics. The equipment of all the Laboratories has been much improved, and the work performed is greatly promoting the study of Science in these several branches.

Not the least interesting and important work of the University is that which comes under the designation of Microscopy. A large supply of instruments has been furnished to the students of Physiology, of Analytical Chemistry, and of Natural History. Their investigations under the direction of skillful microscopists, pursued with no little enthusiasm, have secured the good results which were anticipated; particularly, accuracy of observation and precision of knowledge.

The Astronomical Observatory will soon be in a condition, on the adjustment of the instruments received from Washington, to prepare students for the practical part of Astronomical study.



The peculiar work of the Observatory, now, as heretofore, somewhat embarrassed by the want of a larger corps, is conducted with marked ability and success. The time and labor of the professor are devoted not less to instruction and lecturing in theoretical and general astronomy than to the work of the Observatory.

The General Library has within the last two years become even more important to the intellectual success of the University than ever before. The great change which has been introduced in the plan of instruction and method of study, has made the Library instead of the text-book, to a large extent, the apparatus for study and preparation for class-room examinations. The breadth and depth of scholarship, and I may say, the manhood, which this kind of investigation promotes, should be encouraged. To this end, greatly enlarged accommodations should be secured at the earliest possible moment. And for the same reason, as well as to meet the pressing wants of the members of all the Faculties, some more abundant means should be provided for the purchase of books. The small appropriations hitherto made for this object have not sufficed to keep the Library supplied even with the most important publications of the day. Meanwhile in every department of learning and letters there is a multitude of standard works, which are indispensable to thorough study and completeness of research, and which the Library can never possess without some special and extraordinary appropriations. It is much to be desired that the importance of a large and complete Library to the success of University work might be made more perfectly apparent. While experimental apparatus is requisite for the teaching of Physical Science, we should remember that books are the apparatus of the brain—the vital condition of real progress, whether in Philosophy, Science, Literature, or History. I doubt whether a University can be justly called great until it possesses an ample, if not a great Library. When the University of Strasburg was reorganized, on the recovery of Alsace to the German empire, in 1870, almost the first thing thought of by the public authorities was the creation

of a Library. All Germany was appealed to for contributions of books, and institutions and citizens throughout the empire responded to the call. This, and not the erection of buildings, was reckoned the first necessity. I earnestly hope that the proposition to be made by the Library Committee of the Faculties, that a larger appropriation than usual be asked of the Legislature for this purpose by the Board, will meet with your approbation. I would also call your attention to the important statement contained in the report of Professor Adams on the same subject. For the wants of the current year I beg leave to suggest that an appropriation be made by the Board, not less than the usual amount, to supply the books needed for immediate use.

The Librarian reports the present state of the General Library, and of other libraries in the University, as follows:

Number of volumes in General Library, 29,345; Law Library, 4,037; Society Libraries, 2,100; Library of Young Men's Christian Association, 1,000; total number of volumes accessible to students, 36,482; number of unbound volumes and pamphlets, 8,255.

Additions to the General Library, 1,882 volumes, and 301 pamphlets; to the Law Library, 100 volumes.

The Museum of Art and History has been enriched with the addition of a valuable collection of coins, mostly ancient, made by the gratuitous labors of Dr. A. E. Richards, one of the most accomplished numismatists of this country, formerly a citizen of this State, but now residing in Europe. Genuine antique coins are becoming daily more difficult to obtain, and, of course, more expensive; and the interest manifested by Dr. Richards in the University, which has led him to make this collection for its benefit, and thus to lay the foundation of a university museum of coins, deserves our most hearty acknowledgements.

The financial exhibit of the year is highly encouraging.\* Never has so large an income been received from the students, and never, I think, has the income from all sources been appro-

\*Appendix D.

priated to better advantage. But an institution like this can never receive an income adequate to its wants. The very fact which is taken as the best indication of prosperity, the increase of numbers, always increasing in the same ratio the demand for enlarged accommodations and additional instructors, dooms a University, and especially this University, to perpetual want. It is rich only in its students and its graduates. And it must hold up these before the State authorities—these, with its faithful efforts to do good service to the State, and to expend wisely the moneys committed to its trust, as the ground of appeal for continued sympathy, confidence, and support.

In the thirty-nine years since the doors of the institution were first opened, it has had under its instruction not less than *eight thousand students*; and now at the opening of a new year it has enrolled not less than *fourteen hundred and seventy*, and will probably register not less than fifteen hundred. Of all those who have been under our instruction, *six thousand one hundred and sixty-six* have been graduated. These numbers indicate, so far as numbers can, the work which has been accomplished.

The expense of the State in sustaining the University thus far, including the appropriations of the last two years for building and other purposes, has been \$570,000. The inventory just completed of the real estate and other property of the institution, gives us a valuation of \$681,442; one hundred and ten thousand dollars in excess of the cost of the University to the State for nearly forty years. This excess, or balance, over and above the outlay of the State Treasury, is due partly to the donations of citizens and professors, but chiefly to the wise and skillful management of the Board of Regents in the use of the income which the University has received independently of the State.

If, therefore, our necessities, growing with our prosperity, compel us to look to the legislature for continued assistance, we can point to a record, as we think, of great success and usefulness in the host of youth we have helped to an education, and to a most faithful and even productive administration of our

finances, as a just and reasonable argument for the continued generosity of the legislature.

Among the wants recognized by the University, in addition to that of a building for the General Library, is that of a gymnasium for the promotion of the physical development and health of the students. Physical training is necessary both to health and manhood. A sound mind without the sound body loses half of its efficiency. For several years our students have been active in cultivating field sports and athletic exercises, in order to compensate, to some extent, for the lack of a gymnasium. They have also been making earnest and commendable efforts to raise the funds necessary for the erection and equipment of a suitable building. But the opportunities within the reach of students for creating such a fund, are exceedingly limited; and they cannot hope, without assistance, to raise the requisite amount. The struggle which they are making deserves our hearty sympathy. It is said "the gods help those who help themselves." And the honorable legislature, it is believed, will respond readily and generously to an application on the part of the Regents for an appropriation which, added to the amount obtained from various sources by the students themselves, will secure the building and the requisite apparatus.

In connection with improvements in building, will come up the question of the remodelling of the north wing of University Hall for miscellaneous purposes, after the collections now deposited there shall have been transferred to the new museum building. It is desirable that some plan for the new arrangement of the space should be adopted, and the necessary expense provided for.

The Deans of the Faculties of the professional schools, and the professors representing the various chairs in the Academic Faculty, have presented detailed reports of the work under their supervision, which will give an insight into the internal operations of the University during the year, and which are intended to accompany the President's report. The reports of the professors, however, do not represent minutely the actual amount of labor necessarily involved in their work. I hardly need

remark to the Board, that a lecture, or class exercise of any kind, exacts much greater outlay of time and strength than the hour devoted to the class. I append also a tabulated statement, prepared by the Secretary, of the studies pursued under the Academic Faculty, and of the number of students attending upon each.

While we entertain just feelings of pride in the progress which this institution has made in the brief period of its existence, we must not close our eyes to its deficiencies. It still comes far short of the noble idea which was embodied in its original plan by the founders of the State and of the University. Their views were so comprehensive and complete that with all our endeavors we can scarcely hope in less than one more generation at least, to reach the outside limit of their scheme. The idea which they left to our inheritance, and which embraced both the University and the whole body of public education, has become identified with the life and growth of the State. It is in substance this: That no son or daughter of Michigan shall be compelled to resort to any other State or country in order to acquire any knowledge or discipline necessary to the welfare of the citizen and of the State. Every educational want shall be provided for here at home, just as perfectly as if no other State nor any private institution were in existence. For the State has no right to expect its work to be done by any other State, much less by any private corporation. Nothing shall be left to chance, caprice, prejudice, or narrowness. The existence and happiness of the commonwealth require that every one of her children shall be guaranteed the opportunity of making the most and best of himself. Moreover, the State must protect itself from imposition, charlatanism, and quackery in the professions which deal with the interests of life and property; it must have safe and skillful physicians, and sound and trustworthy lawyers. Besides this, it must have well trained teachers for its youth; scientists who will enable it to understand and develop its natural resources; civil engineers and architects who will make buildings and bridges which will not imperil life; mining engineers who will render available its great mineral deposits—min-

ing engineers, not trained in New York, or New Haven, but in Michigan, a mining State. And, finally, it must have, sooner or later, those who will minister to life through the refining influences of art. For art, too, was included in the original plan of our education; and it is a want as real as any other which education supplies. Therefore, the State, for its own ultimate welfare, must maintain the whole circle of professional and practical schools.

All these things entered into the conception of public education entertained by our State fathers; and their idea, I think, is fixed and ineradicable in the constitution, and in the minds of the people. It is our privilege and duty to make this idea, so far at least as relates to the University, a reality. Under the good providence of God much has been accomplished; enough, indeed, to give us strong confidence in the final completion of the work.

In conclusion, I beg leave to congratulate the Board on the prosperous condition of the institution placed by the State under their supervision, and on the promise which it affords of an auspicious future.

HENRY S. FRIEZE,

Acting President.

Regent S. S. Walker submitted the following resolution, which was adopted:

*Resolved*, That the Chairman of the Executive Committee, of the Committee on Literary Department, and of the Committee on the Law Department, be appointed a special Committee to prepare a digest of the reports made by the Faculties and Professors accompanying the President's report; to be published with the said report.

The following communication was made by Regent S. S. Walker.

UNIVERSITY OF MICHIGAN, }  
ANN ARBOR, OCT., 1880. }

*To the Honorable, the Board of Regents of the University of Michigan:*

GENTLEMEN.—The undersigned, members of the several Faculties of the University of Michigan, beg leave to present to you the following memorial:

On the 22nd of September, 1869, your Honorable Body appointed a Committee representing the several Faculties then existing in the

University, with instructions to examine and report to the Board in regard to the propriety of establishing a gymnasium in connection with the University. That committee consisted of the following persons: M. C. Tyler, Edward Olney, C. L. Ford, and T. M. Cooley. At the next meeting of the Board, this committee presented an elaborate report upon the subject proposed to them, which report was spread upon the records of the Board of Regents and ordered printed. The report was strongly in favor of the establishment of a University gymnasium, but in consequence of lack of funds, the Board was unable to carry out the recommendation of the committee, although at the meeting aforesaid an informal expression was made in favor of the plan.

For eleven years this subject has been in abeyance here, so far as any official action is concerned. Meantime evidence of the need of a gymnasium has been multiplying, and within the past two years the students have taken hold of the matter with great earnestness, and by their own efforts have already raised a fund of nearly \$1,200 for the purpose, and are still at work to increase that fund. All moneys raised by the students for this purpose are handed over to a board of trustees and are by them to be delivered to the Board of Regents, whenever the Regents may be ready to proceed to the erection of a gymnasium; but it is obvious that without a special appropriation it will be many years before the students' fund can be made large enough to procure a suitable building. We therefore beg leave to suggest to your Honorable Body that perhaps it may now be a suitable time for measures to be taken to assist the students in their earnest and laudable endeavor, and that, if it should not be incompatible with other important plans under consideration, it might be well to include an appropriation for a gymnasium among the requests which you may have to lay before the next legislature.

HENRY S. FRIEZE,  
Acting President.

C. K. ADAMS,  
Dean of the Faculty of Literature, Science, and the Arts.

A. B. PALMER,  
Dean of the Faculty of Medicine and Surgery.

T. M. COOLEY,  
Dean of the Faculty of Law.

ALBERT B. PRESCOTT,  
Dean of the Faculty of the School of Pharmacy.

E. C. FRANKLIN,  
Dean of the Faculty of the Homœopathic Medical College.

J. TAFT,  
Dean of the Faculty of the Dental College.

At the close of the reading of the paper, it was accepted and ordered printed in the minutes.

Regent S. S. Walker submitted the following resolution which was adopted:

*Resolved*, That the consideration of the subjects for legislative aid be made the special order in committee of the whole, at 9 A. M. Thursday.

On motion of Regent Grosvenor, the Board adjourned to 9 o'clock A. M. to-morrow.

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### MORNING SESSION.

Wednesday, November 10, 1880.

The Board reconvened in the room of the President at 9 o'clock A. M.

Present—A full Board except Regent Cutcheon.

On motion of Regent E. C. Walker, the Board went into executive session, at the close of which business was resumed in open session.

The following resolution submitted by Regent E. C. Walker was adopted:

*Resolved*, That the Building Committee upon the museum building and the Superintendent be instructed to settle with Wilkie & Son, contractors, upon the best possible terms, with full power to close the matter.

Ayes—Regent E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Shearer presented and read the following report of the Superintendent of the Chemical Laboratory Enlargement:

*To the Building Committee of the Board of Regents:*

GENTLEMEN.—I have the following report as Superintendent of the Laboratory Enlargement to submit. The work is completed under the contract and specifications in a satisfactory manner to me as Superintendent, and settlement was made with Messrs. Dean Bros., on contract, the 14th day of October; and for additional trusses, brick work and plastering to the amount of four hundred and forty-one and seven one-hundredths dollars on the 29th day of October, according to itemized statement herewith submitted; making the total amount paid Messrs.



Dean Bros, on contract and for additional work, nine thousand nine hundred and seven and seven one-hundredths dollars.

There has also been expended under the direction of the Chief Engineer of the University for the heating and ventilating apparatus, plumbing, building tables in laboratory, and gas fixtures, two thousand nine hundred and fifty-four and seventy-five one-hundredths dollars, according to itemized statement herewith submitted. Total expenditure, \$12,861.82.

ANDREW CLIMIE,

Superintendent of Laboratory Enlargement.

On motion the report was accepted and ordered printed in the minutes.

Regent Shearer submitted the following resolution which was adopted :

*Resolved*, That the bill of Messrs. Dean Brothers, for \$34.62 for extra work, be allowed and paid.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Climie read the following report which was accepted and ordered printed in the minutes :

*To the Honorable, the Board of Regents:*

GENTLEMEN.—In the matter of trying to settle with Wm. Beatty, under instructions from the Board at their September meeting, I wrote a letter to him as follows: "The Board of Regents authorize me to make you an offer of settlement as follows: I will pay you five hundred and five and fourteen one-hundredths dollars to be paid to your creditors who have claims filed with the Board for our information. These claims as filed amount to \$1,161.30. If you should accept this offer, you would have to settle with these parties and determine the amounts due them, and then the above sum would be divided *pro rata*. Please inform me by return mail." To this letter I have not received an answer, and consequently have done nothing; and I again submit a verbal statement of the matter and ask instructions as to the disposition of these papers and correspondence.

ANDREW CLIMIE.

Regent S. S. Walker received and read the following paper:

UNIVERSITY OF MICHIGAN, }  
November 10, 1880.

*To the Honorable Board of Regents:*

GENTLEMEN.—The present Dynamo-Electric Machine belonging to the University, which has been placed in the lecture room of the

department of General Chemistry, works efficiently, but the proximity of the apparatus to the lecturer causes so much noise that the electric light is only used about ten evenings during the year, that is, only when its use cannot possibly be avoided. If this machine could be placed in the engine room of the Laboratory and the electricity be carried by wires to the lecture table, the trouble from noise would be entirely avoided and the usefulness of the apparatus enhanced ten-fold. To do this, a change in the machine costing about sixty-five dollars must be made, and two automatic electric lamps must be purchased. These lamps I believe will not cost more than thirty dollars each. The removal of the generating machine would further render it possible to take up and sell the steel cable which now transmits the power from the Laboratory to the Medical College. This cable can probably be sold for fifty dollars.

I ask the Honorable Board to authorize me to make the above changes and to purchase two electric lamps, and to defray the expenses out of appropriations which they have already made for the maintenance of the department of General Chemistry during the current academic year.

JOHN W. LANGLEY,

Professor of General Chemistry.

At the close of the reading of the communication by Regent S. S. Walker, Regent E. C. Walker submitted the following resolution:

*Resolved*, That Professor Langley be authorized to remove the electric machine to the engine room of the Laboratory, and that he be directed to purchase two electric lamps to be used in connection therewith at an expense for said lamps of not over \$60, to be paid out of moneys already appropriated for his department.

The vote on the adoption of Regent Walker's resolution was as follows:

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

On motion of Regent S. S. Walker, the Board took a recess to 3 o'clock P. M.

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#### AFTERNOON SESSION.

The Board reconvened in the room of the President at 3 o'clock P. M., but occupied the most of the afternoon in

committee work, and in visiting various Departments of the University.

On being called to order by the President, on motion of Regent E. C. Walker a recess was taken to 7:30 o'clock P. M.

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### EVENING SESSION.

The Board reconvened in the room of the President at 7:30 o'clock P. M.

Present—A full Board, except Regent Cutcheon.

Regent Climie read the following report, which shows the receipts and expenditures of the Treasurer for fifteen months, or from July 1, 1879, to September 30, 1880, inclusive :

The Finance Committee of the Board of Regents submit a report for fifteen months to bring the financial year of the University to agree with the financial year of the State, from July 1, 1879, to September 30, 1880. Also an estimate of the probable receipts and disbursements for the year ending September 30, 1881.

#### RECEIPTS.

Balance on hand, July 1, 1879.....	\$ 28,710.49
Received from State Treasurer :	
Interest on University Fund.....	51,451.78
State Aid, 1-20 Mill Tax.....	47,250.00
Steam Heating Apparatus.....	20,000.00
Museum Building.....	40,000.00
Homœopathic Hospital.....	6,500.00
Homœopathic Medical College.....	8,000.00
Dental College.....	7,000.00
Hospital.....	3,000.00
General Library.....	2,000.00
Homœopathic Hospital Equipment.....	1,250.00
Matron's House.....	1,000.00
School of Mines Equipment.....	500.00
First National Bank, Interest on Treasurer's Acct.	1,608.95
Insurance on University Hall.....	904.34
Duty refunded on Obstetrics Manikin.....	31.10
Transfer from School of Mines Equipment.....	249.07
Students' Fees, Laboratory Deposits, etc.....	76,707.93
Total Receipts.....	<b>\$306,168.66</b>

**DISBURSEMENTS.**

<b>Paid Warrants for Salaries of Officers :</b>	
Professors and Employees.....	\$124,777.92
<b>Paid on Vouchers :</b>	
Contingent Expenses.....	72,468.70
Museum Building (special).....	39,022.88
Steam Heating Apparatus (special).....	19,898.01
Homœopathic Hospital (special).....	6,500.00
General Library (special).....	3,850.80
Homœopathic Medical College (special).....	3,244.22
Hospital (special).....	2,849.14
Dental College (special).....	2,087.23
Matron's House (special).....	1,000.00
Homœopathic Hospital Equipment (special)....	753.81
School of Mines Equipment (special).....	250.93
Dental College Apparatus (special).....	121.26
School of Mines.....	20.00
Physiological Laboratory (special).....	2.45
Transferred from School of Mines Equipment (special).....	249.07
<b>Total Disbursements.....</b>	<b>\$277,098.42</b>
Balance in Treasury, October 1, 1880.....	19,067.24

A statement of the receipts and disbursements for the General Expense Account and for the several special funds is also appended and classified.

**GENERAL FUND.**

**RECEIPTS.**

Balance on hand, July 1, 1879,.....	\$ 12,565.44
<b>Received from State Treasurer :</b>	
Interest on University Fund.....	51,451.78
State Aid, 1-20 Mill Tax,.....	47,250.00
Students' Fees, Laboratory Deposits, etc.....	76,707.93
First National Bank Acct.—Interest on Acct.....	1,608.95
Insurance Paid on University Hall.....	904.34
Duty refunded on Obstetric Manikin.....	31.10
Transfer from School of Mines Equipment.....	249.07
<b>Total Receipts.....</b>	<b>\$190,768.61</b>

**DISBURSEMENTS.**

Paid Warrants, Salaries of Officers.....	\$105,037.17
Paid Vouchers for Contingent Expenses.....	72,468.70
<b>Total Disbursements.....</b>	<b>\$177,505.87</b>
Balance on hand, October 1, 1880.....	13,262.74

The expenditures on Vouchers for Contingent Expenses are classified as follows :

Alterations and Repairs.....	\$ 9,325.47	
Fuel and Lights.....	6,846.66	
Grounds.....	619.20	
Postage.....	904.56	
Insurance.....	2,248.25	
Engineering Department.....	561.21	
General Library.....	133.07	
Law Library.....	604.17	
Medical Library.....	512.36	
Advertising Medical Department.....	375.90	
Advertising School of Pharmacy.....	214.26	
Museum and Microscopical Laboratory.....	1,190.85	
Chemical Laboratory.....	9,024.20	
Department of General Chemistry.....	530.86	
Department of Physics.....	449.68	
Physiological Laboratory.....	566.68	
Astronomical Observatory.....	1,065.83	
Printing Regents' Proceedings, Calendar, and Commencement Address.....	1,548.58	
Students' Fees refunded.....	1,629.00	
Triennial Catalogue.....	93.00	
Portrait, J. D. Pierce, by A. Bradish.....	100.00	
Obstetrics Manikin, Geo. Tiemann & Co.....	155.00	
Special Claim, J. C. Watson.....	534.45	
Attorneys and Accountants.....	458.75	
Steam Heating Apparatus.....	4,702.90	
Hospital Amphitheatre.....	3,473.43	
Museum Cases, construction.....	5,065.53	
Carpenter Shop and Machinery.....	3,124.94	
Laboratory Enlargement.....	9,170.89	
Contingent Fund.....	7,299.02	
		\$ 72,468.70

#### SPECIAL FUNDS.

##### RECEIPTS—HOMOEOPATHIC MEDICAL COLLEGE.

Balance in Treasury, July 1, 1879.....	\$ 3,014.71	
Received from State Treasurer.....	8,000.00	
Total Receipts.....		\$ 11,014.71

##### DISBURSEMENTS.

Paid Warrants for Salaries.....	\$ 6,450.00	
Paid Vouchers for Expenses.....	3,244.22	
Total Disbursements.....		\$ 9,694.22
Balance in Treasury, October 1, 1880.....		1,320.49

RECEIPTS—DENTAL COLLEGE.

Received from State Treasurer.....	\$ 7,000.00	
Total Receipts.....		\$ 7,000.00

DISBURSEMENTS.

Paid Warrants for Salaries.....	\$ 4,075.00	
Paid Vouchers for Expenses.....	2,087.23	
Total Disbursements.....		\$ 6,162.23
Balance in Treasury, October 1, 1880.....		837.77

DENTAL COLLEGE SALARIES.

Balance in Treasury, July 1, 1879.....	\$ 600.00	
Paid Warrants for Salaries.....		600.00

DENTAL COLLEGE APPARATUS.

Balance in Treasury, July 1, 1879.....	\$ 121.26	
Paid Vouchers for Apparatus.....		121.26

SCHOOL OF MINES.

Balance in Treasury, July 1, 1879.....	\$ 1,635.75	
Paid Warrants for Salaries.....	\$ 1,615.75	
Paid Voucher for Expenses.....	20.00	\$ 1,635.75

SCHOOL OF MINES EQUIPMENT.

Received from State Treasurer.....	\$ 500.00	
Paid Vouchers for Expense.....	\$ 250.93	
Transferred to General Fund.....	249.07	\$ 500.00

GENERAL LIBRARY.

Balance in Treasury, July 1, 1879.....	\$ 1,850.80	
Received from State Treasurer.....	2,000.00	
Total Receipts.....		\$ 3,850.80
Paid Vouchers for Expenses.....		3,850.80

HOSPITAL.

Balance in Treasury, July 1, 1879.....	\$ 1,920.08	
Received from State Treasurer.....	3,000.00	
Total Receipts.....		\$ 4,920.08
Paid Vouchers for Expenses.....		2,840.14
Balance in Treasury, October 1, 1880.....		2,070.94

MUSEUM BUILDING.

Received from State Treasurer.....	40,000.00	
Paid Vouchers for Construction.....		39,022.88
Balance in Treasury, October 1, 1880.....		977.12

**STEAM HEATING APPARATUS.**

Received from State Treasurer.....	20,000.00
Paid Vouchers for Construction.....	19,898.01
Balance in Treasury, October 1, 1880.....	101.99

**HOMOEOPATHIC HOSPITAL.**

Received from State Treasurer.....	6,500.00
Paid Vouchers for Construction.....	6,500.00

**HOMOEOPATHIC HOSPITAL EQUIPMENT.**

Received from State Treasurer.....	1,250.00
Paid Vouchers for Construction.....	753.81
Balance in Treasury, October 1, 1880.....	496.19

**MATRON'S HOUSE.**

Received from State Treasurer.....	1,000.00
Paid Vouchers for Construction.....	1,000.00

**SALARY OF PROFESSOR OF PHYSICS.**

Balance in Treasury, July 1, 1879.....	1,400.00
Paid Warrants for Salary.....	1,400.00

**SALARY OF PROFESSOR OF GEOLOGY.**

Balance in Treasury, July 1, 1879.....	1,000.00
Paid Warrants for Salary.....	1,000.00

**EXTENDED TERM, DEPARTMENT OF MEDICINE AND SURGERY.**

Balance in Treasury, July 1, 1879.....	2,250.00
Paid Warrants for Salaries.....	2,250.00

**EXTENDED TERM, HOMOEOPATHIC MEDICAL COLLEGE.**

Balance in Treasury, July 1, 1879.....	1,975.00
Paid Warrants for Salaries.....	1,975.00

**PHYSIOLOGICAL LABORATORY.**

Balance in Treasury, July 1, 1879.....	377.45
Paid Warrants for Salary.....	\$ 375.00
Paid Vouchers for Expenses.....	2.45      377.45

**RECAPITULATION.**

Bal. in Treasury, Oct. 1, 1880, in General Fund...	\$ 13,262.74
Bal. in Treasury, Oct. 1, 1880, Hom. Med. Col....	1,320.49
Bal. in Treasury, Oct. 1, 1880, Dental College,....	837.77
Bal. in Treasury, Oct. 1, 1880, Hospital.....	2,070.94
Bal. in Treasury, Oct. 1, 1880, Steam Heating.....	101.99
Bal. in Treasury, Oct. 1, 1880, Mus. Building.....	977.12
Bal. in Treasury, Oct. 1, 1880, Hom. Hos. Equip.	496.19
<b>Total Balance in Treasury.....</b>	<b>19,067.24</b>

The estimated receipts for the fiscal year ending September 30, 1881, are as follows:

Balance on hand, October 1, 1880.....	\$ 19,067.24
For Interest on University Fund.....	38,500.00
For State Aid, 1-20 Mill Tax.....	31,500.00
For Homœopathic Med. College, Act of 1875,....	6,000.00
For Homœopathic Med. College, Act of 1879,....	2,000.00
For Students' Fees, Laboratory Deposits, etc.....	65,000.00
For Interest on Treasurer's Account.....	500.00
Estimated Amount of Receipts.....	162,567.24

The estimated expenditures for the fiscal year ending September 30, 1881, are as follows:

For Salaries of Officers and Professors.....	\$111,000.00
For Alterations and Repairs.....	5,000.00
For Fuel and Lights.....	7,000.00
For Grounds.....	500.00
For Insurance.....	2,500.00
For General Library.....	2,000.00
For Medical Library.....	500.00
For Law Library.....	500.00
For Annual Calendar.....	1,200.00
For Printing Regents' Proceedings.....	500.00
For Postage.....	800.00
For Engineering Department.....	500.00
For Physical Laboratory.....	750.00
For Physiological Laboratory.....	250.00
For Department of General Chemistry.....	600.00
For Current Expenses, Dental College.....	1,500.00
For Current Expenses, Hom. Medical College...	1,500.00
For Chemical Laboratory Supplies.....	8,000.00
For Purchase of Triennial Catalogue.....	807.00
For Advertising Department Med. and Surgery,	200.00
For Advertising Department of Law.....	200.00
For Advertising Department of Literature, Sci-	
ence, and the Arts.....	200.00
For Advertising Hom. Medica. College.....	200.00
For Advertising Dental College.....	200.00
For Advertising School of Pharmacy.....	200.00
For Hospital and Clinics.....	3,000.00
For Homœopathic Hospital and Clinics.....	1,500.00
For Homœopathic Hospital Equipment.....	496.00
For Museum Building.....	977.00



For Museum and Microscopical Laboratory.....	1,000.00	
For Regents' Expenses.....	1,000.00	•
For Contingent Expenses.....	6,000.00	
Estimated Amount of Disbursements.....		160,580.00

The annual report of the Treasurer, with a full list of all warrants paid, is herewith submitted. (This list of warrants has been compared with the books of the Secretary of the Board of Regents and found correct.)

Your committee submit herewith a list of all the officers, professors, and employees of the University, with the amount of salary paid to each.

The receipts for students' fees and Laboratory deposits have been compared with the tickets issued by the Secretary of the Board of Regents and found correct.

The vouchers for contingent expenses have also been carefully examined and agree with the report of the Treasurer.

Your committee record with pleasure the increased number of students and the consequent increase in the fees received into the Treasury. This increase is included in the balance on the 1st of October of this year, and indicates the cause why the estimates for the next year show this balance decreased and nearly exhausted. The building of the Laboratory Enlargement at a cost of fifteen thousand dollars for enlarging the building, putting in the additional tables, and furnishing the same; and the building of the new museum cases, at a cost of six thousand five hundred dollars, give adequate reasons for such showing. And the committee feel authorized in view of these facts to ask the Board of Regents to submit to the Legislature a full statement of the reasons for the above expenditures and their urgent necessity. At this date the enlarged Laboratory, with its addition of ninety-six tables, is the largest Laboratory in the United States, having two hundred and seventy-eight tables, which are fully occupied throughout the college year.

ANDREW CLIMIE.

At the close of the reading of the report by Regent Climie, Regent S. S. Walker moved that it be accepted and printed in the minutes. The motion prevailed.

Regent E. C. Walker submitted the following resolution:

*Resolved*, That the report of the Acting President, and so many of the accompanying papers as he may think advisable to print, also the report of the Finance Committee, be printed in full in the minutes,

and that one thousand extra copies of these reports and accompanying papers be printed for the use of the Board and of the University.

The vote on the adoption of Regent E. C. Walker's resolution was as follows:

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Climie read the following report, which was accepted, and on motion of Regent S. S. Walker it was ordered to be printed in the minutes:

*To the Finance Committee of the Board of Regents:*

GENTLEMEN.—Herewith please find a statement of the receipts and disbursements from September 11, 1880, to November 6, 1880, inclusive. Also the balance remaining in the General and Special Funds at the close of business, November 6, 1880.

RECEIPTS.

Balance on hand September 11, 1880.....	\$ 10,009.79
Received from State Treasurer for Homœopathic Medical College.....	2,000.00
First National Bank, Ann Arbor, interest.....	104.90
Students' Fees and Laboratory Deposits.....	50,363.69
	<hr/>
	\$ 62,478.38

DISBURSEMENTS.

Paid Warrants for Salaries.....	\$ 23,787.50
Paid Vouchers, General Expense .....	16,588.47
Paid Vouchers, Special Funds.....	2,292.12
	\$ 42,668.09
Balance on hand November 6, 1880 .....	\$ 19,810.29
Balance in General Fund.....	\$ 14,963.36
Balance in Homœopathic Medical College Fund	1,262.95
Balance in Hospital Fund.....	1,822.78
Balance in Museum Building Fund.....	627.12
Balance in Steam Heating Apparatus Fund.....	101.90
Balance in Homœopathic Hospital Equipment Fund.....	288.79
Balance in Dental College Fund .....	743.30
	\$ 19,810.29

W. A. TOLCHARD,  
Treasurer.

Regent S. S. Walker announced the presence of Professor M. C. Tyler, who desired to say a few words relative to a gymnasium for the students of the University. Permission being granted, Professor Tyler addressed the Board in favor of a "students' gymnasium," and was followed by the President of the "Students' Athletic Association" in a brief address touching the matter.

Regent Duffield read a report relative to the papers accompanying the President's annual report.

The presence of the Secretary of the Library Committee was announced, and by permission of the Board he read the following report:

*To the Honorable Board of Regents:*

The Library Committee, representing the various Departments of the University, would respectfully submit the following:

1. The needs of the Law Department demand the room now occupied by the General Library. In confirmation of this statement we refer you to the report of the Dean of the Law Faculty.

2. The large increase in the number of students and in the number of subjects taught in the various Departments of the University has, in a corresponding degree, increased the use of the General Library. The tables and alcoves are so crowded as to cause great inconvenience and discomfort to both students and Faculties. In fact, it is simply impossible to accommodate the number of persons now needing to use the Library.

3. The growth of the University just mentioned, and particularly the large increase in the number of those studying for second degrees, make well-nigh indispensable an immediate outlay of several thousand dollars for books. In answer to inquiries addressed to heads of departments in the Department of Literature, Science, and the Arts, we find that very few subjects can be assigned for theses, on which there is any adequate apparatus for study in the General Library. The growing importance of this department of our work should not be overlooked.

4. The newly added departments of Pedagogy and Music, as well as several new Courses in Literature, Science, and Art,—all create an additional demand for books.

5. In view of these facts, we earnestly pray your Honorable Body to memorialize the Legislature at their coming session:

- (1) For an appropriation for a Library building;

(2) For an appropriation of not less than ten thousand dollars for the purchase of books for the General Library.

H. S. FRIEZE,  
Acting President.

JOHN W. LANGLEY,  
Department of Literature, Science, and the Arts.

E. S. DUNSTER,  
Department of Medicine and Surgery.

ISAAC N. DEMMON,  
Department of Literature, Science, and the Arts.

THOMAS M. COOLEY,  
Department of Law.

RAYMOND C. DAVIS,  
Librarian.

At the close of the reading of the foregoing report, Regent Walker moved that it be accepted and printed in the minutes. The motion prevailed.

The Dean of the Department of Medicine and Surgery, also Hon. Alpheus Felch, representing the Department of Law, being present, were invited to state their views relative to the need of increased accommodations for the general and law libraries. Professor Pettee also addressed the Board relative to the re-organization of the School of Mines.

At the close of the brief addresses of the several gentlemen above named, the Board, on motion of Regent E. C. Walker, adjourned to 9 o'clock to-morrow, Thursday morning.

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#### MORNING SESSION.

Thursday, November 11, 1880.

The Board of Regents re-assembled in the room of the President, at 9 o'clock A. M.

Present—A full Board, except Regent Cutcheon.

On motion, the Board went into executive session, at the close of which business in open session was resumed.

The following communication from the Dean of the Homœopathic Medical College was read by Regent Grosvenor:

UNIVERSITY OF MICHIGAN,  
ANN ARBOR, November 8, 1880. }

*To the Honorable, the Board of Regents:*

GENTLEMEN:—I am requested by the Faculty of the Homœopathic Department to recommend the reappointment as Medical Examiner to that Department A. I. Sawyer, M. D., of Monroe, Mich., whose term of service expired June 30, 1880.

E. C. FRANKLIN, M. D.,  
Dean.

Regent Grosvenor submitted the following resolution which was adopted:

*Resolved*, That A. I. Sawyer, M. D., be and hereby is appointed Medical Examiner for the current academic year in the Homœopathic Medical College, in accordance with the request stated in the foregoing communication.

The following report was read by Regent Van Riper:

In obedience to a resolution of this Board, passed at the September session thereof, directing me as Attorney of the Board to investigate the matter of the legacy from Mary Porter to the State University, I beg leave to report, that I visited Chillicothe in the latter part of September, and upon investigation found that in the year 1871 the said Mary Porter, who had prior thereto been a student in the University, executed a will giving to the University all her estate, both real and personal, subject to a life interest of her mother therein and her maintenance and support during her natural life from the personal estate and from the income derived out of the real. By the will the Trustee was directed to pay over to the mother what was necessary for her support at such times and in such amounts as he should think right.

At the time of the death of the testatrix the personal estate was worth about \$800, and that, with the income from the real estate, which was but a small amount, was by the Trustee as he claims paid over to and used up by the mother of the testatrix, and the claim is made that there was not sufficient property to support and maintain her. It is a fact that the personal estate and the income from the real have been appropriated, and the University need not expect anything from that source, and I advised our counsel, Wm. V. Lawrence, Esq., to take no legal steps to recover any portion of the personal.

I found that there were 280 acres of land owned by the devisee at her death—all of which she by her will directed her Trustee to sell within two years after her mother's death, and to pay the proceeds over to the University for educational purposes.

This land is in Harrison township, 12 to 15 miles from Chillicothe, free from all mortgage liens or other encumbrance, of a rough hilly nature, poor soil, not very productive and badly run down and neglected. There is a small house, frame and log, and a small log barn on the premises.

The land is assessed at from one dollar to five dollars per acre and the total assessed value is \$920 at a valuation of forty per cent. The land is worth about \$2,000.

The testatrix died in 1871 and the will was probated in the same year, and as the mother was entitled merely to the income from the farm, no claim can be maintained against this land for her support, or her funeral and other expenses.

The mother of the testatrix died on the 27th day of August, 1879, and it will therefore be the duty of the Trustee to sell the land on or before August 27, 1881.

J. J. VAN RIPER.

At the close of the reading of the report by Regent Van Riper, it was, on motion, accepted and ordered printed in the minutes.

Regent Climie submitted the following resolution, which was adopted:

*Resolved*, That there shall be added to the title of Edward C. Franklin, M. D., the words "and Clinical Surgery;" to the title of Henry C. Allen, M. D., the words "and Clinical Medicine."

Regent Climie also presented the following resolution:

*Resolved*, That L. D. Wilson and G. W. Morgan be and are hereby appointed assistants in the Dental College of the University of Michigan, at a salary of one hundred and twenty-five dollars each per annum.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Grosvenor submitted the following resolution:

*Resolved*, That Steward Bennett be authorized to employ for the General Hospital two nurses, one male and one female, at the same compensation as is now paid for same service, and that he be also authorized, upon the requisition of the House Physician, to employ nurses from time to time as the exigencies of the Hospital require.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent E. C. Walker submitted the following resolution:

*Resolved*, That the salary of Michael Condon, as janitor and dispensing clerk of the Chemical Laboratory, from and after the 1st day of October last, be fixed at five hundred dollars a year.

The vote on the adoption of Regent E. C. Walker's resolution was as follows:

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Grosvenor submitted the following resolution, which was adopted:

*Resolved*, That the salary of Dr. A. R. Wheeler, House Physician of the Homœopathic Medical College, be fixed for the present year at \$300, from and after January 1, 1881.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent E. C. Walker read the following communication:

DETROIT, MICH., September 8, 1880.

*H. S. Frieze, President of the University:*

DEAR SIR—I have ordered sent to the University the portraits of all the Presidents, from Washington down to the President to come, which I wish you would place in the Museum or Library, as you may deem best. Please accept them for the University with my compliments.

Yours, etc.,

JNO. J. BAGLEY.

The following resolution, submitted by Regent E. C. Walker, was adopted unanimously:

*Resolved*, That the thanks of this Board be given to the Hon. J. J. Bagley, for the gift to the University of a suite of engravings of all the Presidents of the United States, handsomely framed, and now suspended upon the walls of the President's room.

The following resolution, presented by Regent Grosvenor, was adopted:

*Resolved*, That the title of Charles H. Stowell, M. D., be and hereby is changed from "Lecturer on Physiology and Histology" to "Assistant Professor of Physiology and Histology," with no change of salary.

Regent Duffield read and submitted a report on the papers referred to the Committee on the Literary Department, which, on motion, was accepted.

Regent Grosvenor moved that an assistant to E. C. Franklin, M. D., be appointed at a salary not exceeding \$100 a year.

On motion of S. S. Walker, the resolution of Regent Grosvenor, was laid on the table for the time.

The Board, on motion, took a recess to 2 o'clock P. M.

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#### AFTERNOON SESSION.

The Board reconvened in the room of the President at 2 o'clock P. M.

Present—A full Board except Regent Cutcheon.

Professor C. L. Ford, by permission, addressed the Board relative to needed assistance in his department. 62

At the close of the remarks by Professor Ford, Dr. J. Taft briefly addressed the Board relative to matters of a personal interest, also relative to matters touching the interests of the Dental College.

On motion of Regent S. S. Walker, Regent E. C. Walker was appointed a committee to prepare the annual report to the Superintendent of Public Instruction, obtain the signatures of other members of the Board thereto, and then transmit the same to the Superintendent of Public Instruction.

Regent S. S. Walker submitted the following resolution, which was adopted:

*Resolved*, That the sum of thirty-two dollars be and is hereby appropriated for additional expenses in advertising the Dental School.

Ayes—Regents E. C. Walker, Climie. S. S. Walker, Duffield, Van Riper. Grosvenor, and Shearer.

Nays—None.

The following paper, establishing an "Auditing Board of the University," and defining the duties of the Secretary and Steward; also, defining in part the duties of the Treasurer, was read by Regent Shearer:



**AUDITING BOARD.**

The President, or Acting President, the Steward, and the Treasurer shall constitute an Auditing Board of the University. All applications for policies of Insurance, and all requisitions for the purchase of Materials, Apparatus, and Supplies, shall be submitted to said Board, and shall be approved by a majority of the same, before any purchase can be made exceeding in amount the sum of twenty-five dollars. When bills for said purchases are rendered, the receipt of the goods shall be certified to the Auditing Board by the Dean of the Faculty receiving the same, or by the Professor in charge, or by the member of the Faculty for whom the same was purchased; and two of said Board shall certify to the same, before the bills are paid by the Treasurer.

All of said purchases must be made by the Steward, in the manner stated and provided in Sec. 8 of the By-Laws, defining the duties of said officer.

**DUTIES OF THE SECRETARY AND STEWARD.**

The Board of Regents shall appoint a Steward, who shall be ex officio Secretary of the Board, and who shall, before entering upon the duties of his office, execute a bond to the Board in the penal sum of five thousand dollars, with two or more sureties to be approved by the Finance Committee of the Board, conditioned for the faithful performance of his duties, and said bond shall be deposited with the President for safe keeping. He shall be the ministerial officer and agent of the Executive Committee and of the other standing committees of the Board, and of each Faculty, subject always to the direction and control of the Board of Regents and the general Rules and Regulations. He shall have an office in one of the University buildings, and he shall keep regular books of account, showing his transactions and those of the Auditing Board, including all moneys received by appropriation or otherwise. He shall also keep a register of all students who enter the University, and of all who are graduated, and their degrees. He shall have general supervision and care of the buildings and grounds, and be held responsible for their good condition as to cleanliness, proper repairs, and safety from fires. He shall attend to the insurance of the buildings and other property. He shall be the purchasing agent of the University in all of its Departments, subject to the approval of a majority of the Auditing Board, except as may be otherwise ordered by the Board of Regents. But in the purchase of books for the several libraries the General Librarian shall be associated with the Steward and shall furnish the lists therefor; and in making purchases which may be ordered for the several Departments, or for individual chairs, the Dean of the Department or the incumbent of

the chair, as the case may be, shall in like manner be associated, and shall furnish proper lists. He shall also keep a list of all appropriations from time to time made by the Board of Regents, and at the beginning of each regular, adjourned, or special meeting, shall make a statement in writing of the balance of such appropriation at that date, unexpended or unaccounted for, and all the books, papers, and memoranda connected with his business and duties shall be carefully preserved by him as the property of the University, and be delivered to his successor in office.

DUTIES OF THE TREASURER.

The Treasurer shall keep full and accurate books of account, including a "Stock and Property Account." He shall have the custody of all moneys belonging to the University, and it shall be his duty to demand and receive all such moneys when due from the State Treasurer or any other person or persons. He shall pay all demands on the Treasurer when properly certified by a majority of the Auditing Board. He shall present at each meeting of the Board of Regents a brief statement under general heads, showing the receipts and disbursements during the preceding quarter, and since his last report was made, and said statement shall show the amount of money or moneys in the Treasury or the amount which may be overdrawn from the Treasury, as the case may be. He shall also, at the October meeting, make to the Board an annual report, accompanied with his vouchers, showing in detail the receipts and disbursements for the preceding fiscal year. He shall keep in a book in his office a careful and accurate inventory of all real estate and all personal property, consisting of tools, instruments, apparatus, machinery, fixtures, etc., belonging to each and every department of the University, and add thereto all new purchases as from time to time they shall be made; and at the termination of his official duties, he shall deliver all books, papers, and memoranda of every kind whatsoever, to his successor in office.

At the close of the remarks on the paper read by Regent Shearer, an aye and nay vote on its adoption was taken with the following result:

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

The following resolution presented by Regent E. C. Walker, was adopted:

*Resolved*, That all By-Laws in conflict with those above adopted be and are hereby repealed; That said above By-Laws shall take effect

from the first of December next; That copies of the same be printed and distributed to all the officers and employees of this Board.

Regent Grosvenor submitted the following resolution :

*Resolved*, That the Faculty of the Department of Medicine and Surgery be authorized to select and appoint two assistants to the medical staff at a salary not exceeding \$300 each.

The vote on the adoption of Regent Grosvenor's resolution was as follows :

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

The following resolution presented by Regent S. S. Walker was adopted :

*Resolved*, That an assistant to the Professor of Anatomy, to be by him selected, be employed at a salary not exceeding \$300 per annum.

Ayes—Regent E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent S. S. Walker submitted the following resolution which was adopted :

*Resolved*, That the specimens of the different collections of the University for class purposes shall be kept as distinct as practicable from the specimens in the exhibition cases, and, when removing the specimens from the exhibition cases, the Professors shall take especial care that exhibition specimens are daily returned to their places, and shall guard the class specimens as carefully as practicable.

On motion the Board took a recess to 7:30 o'clock P. M.

#### EVENING SESSION.

The Board re-assembled in the room of the President at 7:30 o'clock P. M., and went immediately into executive session, at the close of which business in open session was resumed.

Regent Grosvenor submitted the following resolution, which was adopted :

*Resolved*, That Regent S. S. Walker be requested to prepare and submit the report to the Governor as required by law.

Regent S. S. Walker presented the following resolutions, which were adopted :

*Resolved*, That the Steward be directed to furnish such rooms in the upper story of the Museum Building for the use of the Professors

as they may require, the whole expense not to exceed the sum of \$500.

*Resolved*, That the Steward under the direction of Professor Steere and Mr. Hobson be authorized to employ such additional help as may be necessary for the more rapid arrangement of the collections of the University and for their removal to the new building.

The vote on the adoption of Regent S. S. Walker's resolutions was as follows:

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Duffield submitted the following resolution, which was adopted:

*Resolved*, That the Literary Faculty be requested carefully to examine as to the amount of time required by the students to prepare their mathematical recitations, and to see that these studies do not interfere with others equally important and necessary to a course of liberal education.

Regent Climie submitted the following resolution, which was adopted:

*Resolved*, That Henry T. Purfield be and is hereby appointed as janitor, at a salary of \$500 per annum.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

Regent Duffield presented the following resolution, which was adopted:

*Resolved*, That the members of the Library Committee representing the several Departments of the University be requested by the Board to prepare a memorial, setting forth in full the necessity of a Library building, and the reasons for it; the same to be presented at the next meeting of the Board.

Regent Climie submitted the following resolution:

*Resolved*, That the sum of \$105 20 be and is hereby appropriated for Regents' expenses.

Ayes—Regents E. C. Walker, Climie, S. S. Walker, Duffield, Van Riper, Grosvenor, and Shearer.

Nays—None.

On motion of Regent Grosvenor, the Board adjourned to January 12, 1881, at 7:30 o'clock P. M.

H. D. BENNETT, Secretary.



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